M I N N E S O T A

H E A L T H S T A T I S T I C S

1 9 7 8

Population

Births and Deaths

Marriages and Divorces

Published November, 1979

Minnesota Department of Health
Center for Health Statistics
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FOREWORD

Minnesota Health Statistics 1978 was prepared by the Minnesota Center for Health Statistics of the Minnesota Department of Health and is the 28th annual summary of vital statistics published by the Department. The document also responds, in part, to the requirements of a contract held with the United States Department of Health, Education, and Welfare to establish and implement a cooperative health statistics program for Minnesota.

The basic data for Minnesota Health Statistics 1978 were obtained from Birth, Death, Fetal Death, Marriage, and Divorce certificates and/or reports filed with the Section of Vital Statistics Registration within the Department during calendar year 1978. The population estimates were prepared by the Minnesota Center for Health Statistics using the State Demographer's total county and 65+ estimates as a basis for estimation, and are unofficial since Minnesota Statute 4.12 (1974) designates the Office of the State Demographer as the official agency for conducting population estimation.

It is hoped this publication will aid you in the performance of your work. Suggestions concerning the report format, queries concerning the data, formulae used in developing the summary, and requests for additional statistics should be made to:

Minnesota Center for Health Statistics
Room 111
717 Delaware Street S.E.
Minneapolis, Minnesota 55440
Attn: Statistical Services

Telephone Number: (612) 296-5353

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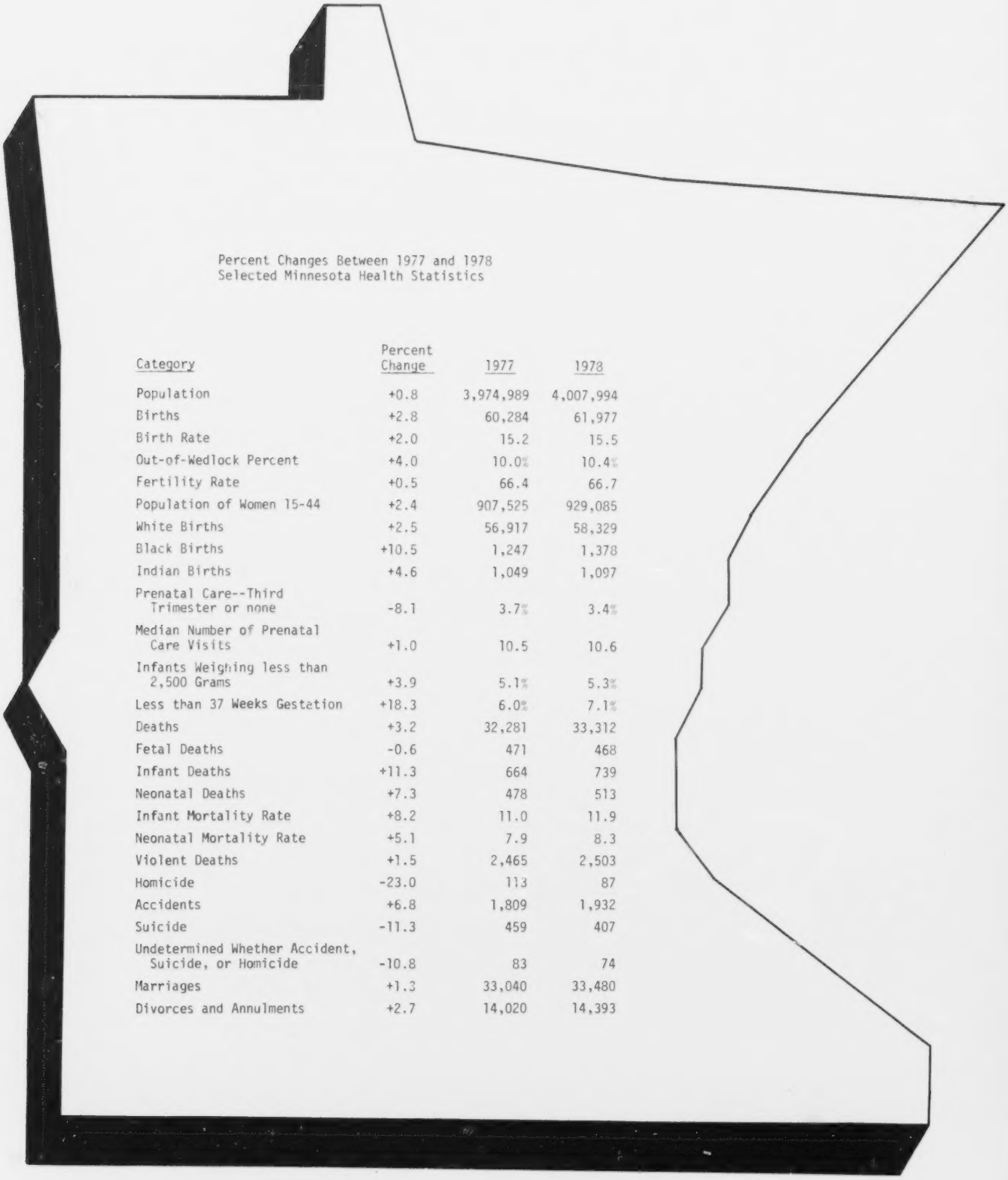

Percent Changes Between 1977 and 1978
Selected Minnesota Health Statistics

Category	Percent Change	1977	1978
Population	+0.8	3,974,989	4,007,994
Births	+2.8	60,284	61,977
Birth Rate	+2.0	15.2	15.5
Out-of-Wedlock Percent	+4.0	10.0%	10.4%
Fertility Rate	+0.5	66.4	66.7
Population of Women 15-44	+2.4	907,525	929,085
White Births	+2.5	56,917	58,329
Black Births	+10.5	1,247	1,378
Indian Births	+4.6	1,049	1,097
Prenatal Care--Third Trimester or none	-8.1	3.7%	3.4%
Median Number of Prenatal Care Visits	+1.0	10.5	10.6
Infants Weighing less than 2,500 Grams	+3.9	5.1%	5.3%
Less than 37 Weeks Gestation	+18.3	6.0%	7.1%
Deaths	+3.2	32,281	33,312
Fetal Deaths	-0.6	471	468
Infant Deaths	+11.3	664	739
Neonatal Deaths	+7.3	478	513
Infant Mortality Rate	+8.2	11.0	11.9
Neonatal Mortality Rate	+5.1	7.9	8.3
Violent Deaths	+1.5	2,465	2,503
Homicide	-23.0	113	87
Accidents	+6.8	1,809	1,932
Suicide	-11.3	459	407
Undetermined Whether Accident, Suicide, or Homicide	-10.8	83	74
Marriages	+1.3	33,040	33,480
Divorces and Annulments	+2.7	14,020	14,393

LIVE BIRTHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE, RESIDENT LIVE BIRTHS DISTRIBUTED ACCORDING TO PLACE OF BIRTH, MINNESOTA, 1978

County	Births Occurring in County				Resident Births		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside County Outside Minnesota	Total
State Total	62,387	42,720	17,593	2,074	17,595	1,662	61,977
Aitkin	141	120	21	-	80	-	200
Anoka	2,994	1,807	1,183	4	1,495	10	3,312
Becker	509	391	116	2	62	56	509
Beltrami	665	475	187	3	40	4	519
Benton	2	2	-	-	496	-	498
Big Stone	178	81	38	59	12	2	95
Blue Earth	1,300	790	504	6	69	2	861
Brown	722	427	293	2	29	-	456
Carlton	402	287	114	1	199	-	486
Carver	784	291	493	-	288	1	580
Cass	68	42	26	-	267	3	312
Chippewa	209	140	64	5	109	-	249
Chisago	374	197	171	6	162	52	411
Clay	354	244	38	72	23	450	717
Clearwater	119	95	23	1	54	5	154
Cook	36	35	1	-	19	-	54
Cottonwood	237	178	56	3	54	3	235
Crow Wing	745	583	159	3	71	2	656
Dakota	818	591	190	37	2,521	7	3,119
Dodge	1	1	-	-	249	1	251
Douglas	513	394	118	1	32	2	428
Faribault	279	220	24	35	91	-	311
Fillmore	171	123	42	6	144	56	323
Freeborn	588	459	71	58	58	5	522
Goodhue	673	394	105	174	159	2	555
Grant	59	46	13	-	62	3	111
Hennepin	16,329	11,455	4,794	80	1,174	39	12,668
Minneapolis	9,240	3,910	5,265	65	1,493	16	5,419
Houston	90	64	12	14	13	186	263
Hubbard	264	149	115	-	61	3	213
Isanti	382	216	163	3	122	3	341
Itasca	694	611	82	1	140	1	752
Jackson	84	68	13	3	123	15	206
Kanabec	245	134	111	-	56	-	190
Kandiyohi	772	519	249	4	57	2	578
Kittson	93	66	25	2	10	14	90
Koochiching	210	201	9	-	35	17	253
Lac Qui Parle	103	90	7	6	59	3	152
Lake	158	140	18	-	71	1	212
Lake of the Woods	87	62	21	4	17	1	80
Le Sueur	79	48	31	-	316	-	364
Lincoln	147	84	37	26	29	5	118
Lyon	485	381	104	-	55	7	443
McLeod	494	358	136	-	85	1	444
Mahnomen	56	45	11	-	59	2	106

LIVE BIRTHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE, RESIDENT LIVE BIRTHS DISTRIBUTED ACCORDING TO PLACE OF BIRTH, MINNESOTA, 1978-CONT.

County	Births Occurring in County				Resident Births		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside County Outside Minnesota	Total
Marshall	69	57	9	3	135	49	241
Martin	447	337	41	69	39	6	382
Meeker	294	207	87	-	99	1	307
Mille Lacs	405	241	164	-	68	1	310
Morrison	579	465	112	2	57	-	522
Mower	502	423	68	11	108	16	547
Murray	124	101	23	-	87	4	192
Nicollet	132	71	61	-	363	1	435
Nobles	446	279	140	27	56	23	358
Norman	73	63	10	-	39	34	136
Olmsted	2,214	1,412	746	56	28	9	1,449
Otter Tail	581	509	65	7	191	27	727
Pennington	426	233	193	-	9	5	247
Pine	19	17	1	1	293	22	332
Pipestone	156	130	17	9	37	27	194
Polk	380	296	74	10	71	205	572
Pope	128	116	12	-	60	2	178
Ramsey	8,117	5,184	2,745	188	1,517	16	6,717
St. Paul	8,110	3,374	4,548	188	636	11	4,021
Red Lake	33	22	11	-	71	4	97
Redwood	228	177	51	-	141	1	319
Renville	187	166	14	7	166	-	332
Rice	702	535	166	1	119	3	657
Rock	270	137	69	64	10	20	167
Roseau	232	202	25	5	38	5	245
St. Louis	4,117	3,213	451	453	103	2	3,318
Duluth	2,602	1,556	597	449	13	1	1,570
Scott	877	431	446	-	278	1	710
Sherburne	2	2	-	-	521	2	525
Sibley	128	111	16	1	135	-	246
Stearns	2,522	1,636	884	2	118	6	1,760
Steele	494	406	87	1	83	1	490
Stevens	173	147	26	-	30	2	179
Swift	116	100	15	1	103	-	203
Todd	223	182	41	-	255	2	439
Traverse	83	41	17	25	30	7	78
Wabasha	256	173	26	57	175	1	349
Wadena	446	200	245	1	52	4	256
Waseca	218	193	25	-	141	2	336
Washington	558	321	150	87	1,417	42	1,780
Watonwan	158	128	30	-	69	-	197
Wilkin	413	96	26	291	13	9	118
Winona	550	429	65	56	101	132	662
Wright	332	283	49	-	767	2	1,052
Yellow Medicine	264	144	102	18	69	-	213
Unknown	-	-	-	-	6	-	6

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*
MINNESOTA, 1978

	State	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth	Brown
Live Births	61,977‡	200	3,312	509	519	498	95	861	456
Fertility Rate	66.7	87.1	58.4	88.5	69.0	103.5	70.2	58.9	70.8
Birth Rate	15.5	14.7	16.6	17.9	16.9	21.8	12.3	17.1	15.1
Sex: Male	31,881	108	1,670	262	270	252	46	452	250
Female	30,094	92	1,642	247	249	246	49	409	206
Out-of-Wedlock, Percent	10.4	12.5	8.7	12.0	19.5	7.8	3.2	8.9	7.9
Race: White	58,329	190	2,855	457	402	492	95	847	456
Black	1,378	1	5	-	1	1	-	7	-
Indian	1,097	9	17	50	110	-	-	-	-
Live Birth Order									
Median	2.3	2.2	2.3	2.3	2.3	2.3	2.7	2.2	2.4
% 5th or over	4.0	6.0	2.5	4.3	5.2	6.2	8.4	3.4	4.8
Prematurity, Percent									
Less than 37 weeks	7.1	8.0	7.5	6.5	8.5	6.4	5.3	8.7	6.8
2,500 grams or less	5.3	5.0	5.3	5.1	6.2	4.4	2.1	5.7	3.9
Plurality:									
Single	60,712	198	3,238	504	511	494	95	849	452
Twin	1,238	2	74	5	8	4	-	12	4
Triplet	27	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	3.4	6.0	3.1	6.5	6.2	3.2	6.3	2.8	3.9
18-19	7.7	13.0	6.9	9.8	11.8	8.6	6.3	9.1	7.0
40 and over	0.7	-	0.5	0.2	-	0.8	3.2	0.3	0.7
Mother's Education, Percent									
Less than 12 years	11.1	21.5	9.9	15.7	18.1	10.8	16.8	8.7	9.2
Over 3 years college	16.0	8.5	10.7	12.2	17.3	14.1	10.5	17.4	12.9
Prenatal Care Began, Percent									
3rd Trimester or none	3.4	8.0	2.6	3.5	7.7	1.4	4.2	3.4	2.4
Prenatal Care Visits									
Median	10.6	9.4	10.3	10.8	9.6	10.6	9.5	10.9	10.3
Congenital Anomalies, Percent	1.1	0.5	0.7	1.2	0.4	1.0	1.1	0.8	1.1
High Risk, Percent	16.1	18.5	13.3	15.5	15.8	12.7	13.7	14.3	12.9
Birth Injuries, Percent	1.3	1.5	0.7	0.2	1.2	0.4	3.2	1.5	1.5
Infant Deaths									
Total	739	2	38	6	7	6	1	12	4
White	683	2	38	5	5	6	1	12	4
Black	36	-	-	-	-	-	-	-	-
Indian	16	-	-	1	2	-	-	-	-
Neonatal Deaths									
Total	513	1	24	5	4	3	-	7	2
White	478	1	24	4	3	3	-	7	2
Black	21	-	-	-	-	-	-	-	-
Indian	12	-	-	1	1	-	-	-	-
First Day Deaths									
Total	272	1	8	3	1	1	-	5	-
White	257	1	8	3	1	1	-	5	-
Black	9	-	-	-	-	-	-	-	-
Indian	5	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	149	-	11	2	1	2	-	1	2
White	135	-	11	1	1	2	-	1	2
Black	7	-	-	-	-	-	-	-	-
Indian	6	-	-	1	-	-	-	-	-
7-27 Day Deaths									
Total	92	-	5	-	2	-	-	1	-
White	86	-	5	-	1	-	-	1	-
Black	5	-	-	-	-	-	-	-	-
Indian	1	-	-	-	1	-	-	-	-
Fetal Deaths									
Total	468	1	18	8	6	6	-	7	4
White	408	1	16	8	2	4	-	6	4
Black	21	-	-	-	-	-	-	1	-
Indian	13	-	-	-	4	-	-	-	-
Perinatal Rate	15.8	10.0	12.7	25.5	19.3	18.1	-	16.3	13.2
Maternal Deaths	6	-	-	1	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA. 1978-CONT.

	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clear-water	Cook	Cotton-wood	Crow Wing
Live Births	486	580	312	249	411	717	154	54	235	656
Fertility Rate	78.1	72.0	84.6	83.3	81.0	54.6	98.0	66.7	83.7	79.9
Birth Rate	16.1	16.3	15.0	15.9	17.1	15.0	17.1	12.6	15.4	16.4
Sex: Male	269	315	149	116	215	369	73	28	116	348
Female	217	265	163	133	196	348	81	26	119	308
Out-of-Wedlock, Percent	11.7	4.5	18.9	6.0	9.5	6.4	15.6	16.7	5.5	10.4
Race: White	467	577	249	245	406	704	130	48	235	649
Black	-	-	-	-	-	6	-	-	-	-
Indian	17	2	63	2	3	4	24	5	-	3
Live Birth Order										
Median	2.3	2.4	2.5	2.3	2.4	2.3	2.6	2.2	2.5	2.3
% 5th or over	4.7	4.5	8.0	2.8	4.1	4.5	9.1	3.7	4.7	4.3
Prematurity, Percent										
Less than 37 weeks	8.8	7.8	7.4	6.4	5.8	7.5	11.0	3.7	4.3	7.0
2,500 grams or less	7.6	6.6	4.2	4.4	4.4	5.2	7.1	11.1	1.7	6.4
Plurality:										
Single	476	560	310	247	399	702	152	52	231	641
Twin	10	20	2	2	12	12	2	2	4	12
Triplet	-	-	-	-	-	3	-	-	-	3
Mother's Age, Percent										
Under 18	6.4	1.9	5.1	3.2	5.8	2.0	4.5	11.1	3.0	4.9
18-19	9.7	7.4	12.5	5.6	7.8	5.2	14.9	5.6	5.5	9.9
40 and over	0.2	0.7	1.0	-	1.0	1.3	1.9	1.9	0.9	0.8
Mother's Education, Percent										
Less than 12 years	15.4	7.4	23.7	7.2	13.9	6.7	20.8	18.5	9.8	15.7
Over 3 years college	9.5	16.4	10.6	12.9	10.0	17.9	9.1	16.7	13.6	12.3
Prenatal Care Began, Percent										
3rd Trimester or none	3.1	1.4	11.9	4.8	4.4	3.1	3.9	7.4	2.6	8.1
Prenatal Care Visits										
Median	10.5	11.4	7.9	9.8	9.7	11.5	10.4	11.9	10.7	8.4
Congenital Anomalies, Percent	1.4	1.6	1.9	2.4	1.7	1.8	1.3	1.9	1.7	1.8
High Risk, Percent	17.5	14.7	21.2	14.5	13.9	15.3	16.9	33.3	11.5	19.4
Birth Injuries, Percent	0.8	1.4	2.9	1.2	1.2	1.8	1.3	1.9	1.3	2.9
Infant Deaths										
Total	5	6	6	3	2	9	-	-	4	10
White	5	6	4	3	2	9	-	-	4	10
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	2	-	-	-	-	-	-	-
Neonatal Deaths										
Total	4	4	2	2	2	8	-	-	4	8
White	4	4	1	2	2	8	-	-	4	8
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-	-
First Day Deaths										
Total	1	1	1	1	1	5	-	-	3	5
White	1	1	-	1	1	5	-	-	3	5
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-	-
1-6 Day Deaths										
Total	2	2	1	-	1	2	-	-	1	2
White	2	2	1	-	1	2	-	-	1	2
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
7-27 Day Deaths										
Total	1	1	-	1	-	1	-	-	-	1
White	1	1	-	1	-	1	-	-	-	1
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
Fetal Deaths										
Total	1	5	3	4	-	1	-	2	3	1
White	1	5	2	4	-	1	-	1	3	1
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	1	-	-
Perinatal Rate	10.3	15.5	16.0	24.1	4.9	12.6	-	37.0	29.8	13.7
Maternal Deaths	-	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Dakota	Dodge	Douglas	Fari-bault	Fill-more	Free-born	Good-hue	Grant	Hennepin	Minn-eapolis
Live Births	3,119	251	428	311	323	522	555	111	12,668	5,419
Fertility Rate	61.2	89.0	81.4	86.2	82.1	71.9	72.2	82.4	55.4	54.0
Birth Rate	16.4	17.9	16.5	15.7	14.8	14.1	14.5	14.8	13.9	14.6
Sex: Male	1,616	120	206	144	175	260	278	58	6,464	2,768
Female	1,503	131	222	167	148	262	277	53	6,204	2,651
Out-of-Wedlock, Percent	7.3	2.0	5.6	4.8	6.5	9.0	5.9	5.4	16.6	29.4
Race: White	3,050	249	424	311	317	518	542	110	11,191	4,228
Black	24	-	-	-	-	-	1	-	880	794
Indian	12	1	1	-	2	1	9	-	341	317
Live Birth Order										
Median	2.3	2.4	2.2	2.4	2.5	2.3	2.3	2.4	2.1	2.0
% 5th or over	3.2	4.0	4.2	4.5	6.2	3.6	4.1	0.9	2.5	3.1
Prematurity, Percent										
Less than 37 weeks	6.1	7.2	7.2	6.8	5.9	7.9	4.1	9.0	7.2	7.9
2,500 grams or less	4.9	2.8	6.3	4.8	4.3	4.0	4.3	9.0	5.8	6.7
Plurality:										
Single	3,068	244	416	305	318	512	552	107	12,397	5,314
Twin	48	7	12	6	5	10	3	4	268	105
Triplet	3	-	-	-	-	-	-	-	3	-
Mother's Age, Percent										
Under 18	2.3	2.4	4.0	4.2	3.7	4.6	3.4	5.4	3.2	5.1
18-19	6.4	9.6	8.9	5.8	7.7	9.0	8.6	9.9	6.9	9.7
40 and over	0.5	0.4	0.9	-	0.6	0.2	0.7	0.9	0.5	0.4
Mother's Education, Percent										
Less than 12 years	7.4	10.4	6.5	10.9	14.2	12.1	11.0	7.2	11.9	20.1
Over 3 years college	17.7	12.7	14.3	14.8	9.9	12.1	12.3	13.5	22.0	19.7
Prenatal Care Began, Percent										
3rd Trimester or none	2.4	3.6	2.3	4.2	4.3	4.6	3.8	1.8	3.8	5.7
Prenatal Care Visits										
Median	11.2	10.9	11.6	10.2	11.0	9.1	11.2	10.9	11.4	11.1
Congenital Anomalies, Percent	1.3	0.4	1.9	1.3	1.5	0.6	1.4	0.9	0.9	1.3
High Risk, Percent	14.1	18.7	18.5	15.4	18.6	15.1	15.3	17.1	17.8	21.6
Birth Injuries, Percent	1.0	2.0	3.0	2.3	2.2	1.9	1.3	6.3	1.1	1.6
Infant Deaths										
Total	36	1	4	3	5	3	7	3	150	73
White	36	1	4	3	5	3	6	3	121	46
Black	-	-	-	-	-	-	1	-	27	25
Indian	-	-	-	-	-	-	-	-	2	2
Neontal Deaths										
Total	31	1	2	1	2	2	6	3	106	53
White	31	1	2	1	2	2	5	3	91	38
Black	-	-	-	-	-	-	1	-	14	14
Indian	-	-	-	-	-	-	-	-	1	1
First Day Deaths										
Total	15	1	2	-	1	2	3	-	50	25
White	15	1	2	-	1	2	2	-	46	21
Black	-	-	-	-	-	-	1	-	4	4
Indian	-	-	-	-	-	-	-	-	-	-
1-6 Day Deaths										
Total	9	-	-	1	-	-	2	2	30	18
White	9	-	-	1	-	-	2	2	23	11
Black	-	-	-	-	-	-	-	-	6	6
Indian	-	-	-	-	-	-	-	-	1	1
7-27 Day Deaths										
Total	7	-	-	-	1	-	1	1	26	10
White	7	-	-	-	1	-	1	1	22	6
Black	-	-	-	-	-	-	-	-	4	4
Indian	-	-	-	-	-	-	-	-	-	-
Fetal Deaths										
Total	21	2	3	-	1	5	2	2	88	44
White	19	2	3	-	1	5	2	2	66	27
Black	1	-	-	-	-	-	-	-	13	10
Indian	-	-	-	-	-	-	-	-	2	2
Perinatal Rate	16.7	12.0	11.7	3.2	9.3	13.4	14.4	45.0	15.3	17.9
Maternal Deaths	-	-	-	-	-	-	-	-	2	2

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Houston	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching
Live Births	263	213	341	752	206	190	578	90	253
Fertility Rate	69.9	86.3	67.0	87.2	75.3	84.3	86.0	75.1	68.7
Birth Rate	14.5	16.4	15.9	17.9	14.5	16.5	16.9	13.4	14.3
Sex: Male	133	99	174	401	113	97	293	56	132
Female	130	114	167	351	93	93	285	34	121
Out-of-Wedlock, Percent	3.4	9.9	7.0	11.0	5.8	11.1	6.7	1.1	14.2
Race: White	260	207	335	637	205	190	572	88	222
Black	1	-	-	1	1	-	1	-	2
Indian	-	5	-	111	-	-	2	1	9
Live Birth Order									
Median	2.4	2.3	2.4	2.3	2.3	2.1	2.3	2.3	2.3
% 5th or over	8.7	6.1	4.4	5.1	3.9	4.7	2.4	4.4	4.3
Prematurity, Percent									
Less than 37 weeks	6.8	8.9	12.0	7.6	3.9	9.5	7.6	7.8	7.9
2,500 grams or less	4.9	4.7	6.2	6.4	4.9	5.8	4.0	4.4	6.7
Plurality:									
Single	261	205	333	733	200	188	565	86	251
Twin	2	8	8	19	6	2	13	4	2
Triplet	-	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	2.7	3.3	2.9	5.2	3.4	7.9	2.8	2.2	5.5
18-19	5.3	10.8	8.5	10.9	7.8	11.1	8.0	8.9	11.5
40 and over	1.9	0.5	0.3	1.2	0.5	0.5	0.3	-	-
Mother's Education, Percent									
Less than 12 years	7.2	13.6	17.0	17.0	7.3	18.4	8.3	8.9	19.0
Over 3 years college	14.1	11.7	10.3	10.1	15.0	12.6	12.1	18.9	7.9
Prenatal Care Began, Percent									
3rd Trimester or none	2.7	5.6	3.5	4.1	1.9	2.6	1.0	2.2	5.1
Prenatal Care Visits									
Median	11.4	7.7	10.4	9.1	11.3	10.8	10.6	9.5	9.3
Congenital Anomalies, Percent	1.5	0.9	0.6	1.2	-	-	1.2	3.3	1.2
High Risk, Percent	15.6	16.9	14.7	20.1	14.6	20.5	11.9	8.9	15.4
Birth Injuries, Percent	0.8	-	0.9	3.5	0.5	2.6	1.0	1.1	1.6
Infant Deaths									
Total	1	2	2	16	2	6	7	2	8
White	1	2	2	14	2	6	7	1	7
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	2	-	-	-	-	-
Neonatal Deaths									
Total	1	2	2	12	-	5	6	1	6
White	1	2	2	10	-	5	6	-	5
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	2	-	-	-	-	-
First Day Deaths									
Total	1	2	1	6	-	2	4	-	3
White	1	2	1	5	-	2	4	-	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	1	-	-	-	-	-
1-6 Day Deaths									
Total	-	-	1	3	-	1	2	1	-
White	-	-	1	2	-	1	2	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	1	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	-	3	-	2	-	-	3
White	-	-	-	3	-	2	-	-	3
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	1	1	2	7	3	-	4	1	1
White	1	1	2	6	3	-	3	1	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	7.6	14.1	11.7	25.3	14.6	26.3	17.3	22.2	27.7
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Lac Qui Parle	Lake	Lake of the Woods	Le Sueur	Lincoln	Lyon	Mc-Leod	Mahnomen	Marshall
Live Births	152	212	80	364	118	443	444	106	241
Fertility Rate	76.5	72.7	114.9	85.6	85.6	82.4	70.2	94.6	93.1
Birth Rate	13.6	16.1	20.0	16.5	14.4	18.0	15.0	17.7	17.6
Sex: Male	71	105	44	189	59	241	231	43	127
Female	81	107	36	175	59	202	213	63	114
Out-of-Wedlock, Percent	2.6	5.2	10.0	7.7	-	5.6	5.4	16.0	2.5
Race: White	151	205	79	360	118	443	444	74	240
Black	-	1	-	-	-	-	-	-	-
Indian	1	1	-	3	-	-	-	32	1
Live Birth Order									
Median	2.5	2.3	2.1	2.4	2.6	2.3	2.4	2.6	2.4
% 5th or over	3.3	4.2	3.8	5.5	5.1	3.2	5.2	9.4	5.4
Prematurity, Percent									
Less than 37 weeks	7.2	7.5	5.0	6.6	6.8	5.4	6.8	6.6	5.8
2,500 grams or less	3.9	2.8	3.8	4.4	3.4	4.7	4.5	3.8	3.3
Plurality:									
Single	151	208	78	356	115	434	436	106	236
Twin	1	4	2	8	3	6	8	-	5
Triplet	-	-	-	-	-	3	-	-	-
Mother's Age, Percent									
Under 18	3.3	2.8	6.3	2.7	-	2.3	2.5	4.7	0.8
18-19	9.9	10.8	11.3	7.4	9.3	5.6	7.9	12.3	7.5
40 and over	-	0.5	1.3	1.4	2.5	1.6	0.5	0.9	0.8
Mother's Education, Percent									
Less than 12 years	7.2	12.3	18.8	10.2	5.1	9.9	9.2	18.9	4.6
Over 3 years college	7.9	13.2	7.5	14.6	15.3	16.0	9.7	10.4	14.9
Prenatal Care Began, Percent									
3rd Trimester or none	2.6	2.8	3.8	2.7	1.7	4.3	1.4	4.7	3.3
Prenatal Care Visits									
Median	9.1	10.4	7.4	10.5	9.3	11.8	10.6	9.1	9.3
Congenital Anomalies, Percent	0.7	0.5	-	1.4	1.7	0.9	2.3	-	2.5
High Risk, Percent	7.9	8.0	21.3	13.5	13.6	14.4	13.3	19.8	10.4
Birth Injuries, Percent	0.7	-	6.3	1.9	1.7	1.6	1.4	0.9	0.4
Infant Deaths									
Total	1	3	1	1	-	5	4	1	-
White	1	2	1	1	-	5	4	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Neonatal Deaths									
Total	1	1	1	1	-	3	3	-	-
White	1	1	1	1	-	3	3	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
First Day Deaths									
Total	1	1	1	-	-	1	-	-	-
White	1	1	1	-	-	1	-	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	-	-	-	1	-	2	2	-	-
White	-	-	-	1	-	2	2	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	-	-	-	-	1	-	-
White	-	-	-	-	-	-	1	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	5	3	1	4	1	1	2	-	4
White	4	3	1	4	1	1	2	-	4
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	39.5	18.9	25.0	13.7	8.5	9.0	11.3	-	16.6
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITITES OVER 100,000*, MINNESOTA, 1978-CONT.

	Martin	Meeker	Mille Lacs	Morrison	Mower	Murray	Nicollet	Nobles	Norman
Live Births	382	307	310	522	547	192	435	358	136
Fertility Rate	81.9	78.6	85.3	93.4	67.4	82.4	68.8	80.3	82.3
Birth Rate	15.4	15.0	16.4	18.6	13.2	15.6	17.1	15.8	14.3
Sex: Male	205	148	157	273	289	98	213	182	70
Female	177	159	153	249	258	94	222	176	66
Out-of-Wedlock, Percent	5.2	6.8	15.8	10.0	8.6	3.1	6.0	4.7	5.1
Race: White	380	304	281	519	544	192	432	352	133
Black	-	-	1	-	-	-	-	3	-
Indian	-	-	24	2	-	-	-	-	3
Live Birth Order									
Median	2.3	2.5	2.3	2.6	2.4	2.5	2.3	2.3	2.6
% 5th or over	1.6	7.8	4.8	9.6	3.8	4.7	5.1	5.9	10.3
Prematurity, Percent									
Less than 37 weeks	7.6	6.8	11.3	7.9	6.9	5.2	4.8	6.7	7.4
2,500 grams or less	6.3	4.9	6.8	3.8	6.8	3.6	3.0	3.4	5.9
Plurality:									
Single	373	303	299	510	526	190	430	358	130
Twin	9	4	11	12	21	2	5	-	6
Triplet	-	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	5.0	4.2	8.7	5.0	3.8	1.0	3.7	3.1	2.2
18-19	9.2	10.7	10.3	8.8	6.4	6.8	7.4	7.0	8.8
40 and over	0.3	0.3	1.3	1.0	1.3	1.0	0.9	1.1	0.7
Mother's Education, Percent									
Less than 12 years	11.3	11.1	22.6	12.8	10.4	7.8	7.1	9.2	11.0
Over 3 years college	12.0	11.7	11.0	6.7	10.1	12.5	18.6	10.3	16.2
Prenatal Care Began, Percent									
3rd Trimester or none	2.9	3.9	6.1	2.1	3.7	2.1	1.1	2.2	1.5
Prenatal Care Visits									
Median	11.4	9.4	9.8	10.3	10.6	9.5	10.7	11.0	9.5
Congenital Anomalies, Percent	1.0	1.0	1.6	1.3	1.3	1.0	0.5	0.6	0.7
High Risk, Percent	13.4	16.6	23.2	12.3	18.5	10.4	11.0	8.9	14.0
Birth Injuries, Percent	1.8	1.3	2.3	0.6	2.0	-	1.4	0.3	-
Infant Deaths									
Total	8	1	5	3	9	3	4	2	2
White	8	1	4	3	9	3	4	2	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-
Neonatal Deaths									
Total	7	1	-	2	5	2	1	1	1
White	7	1	-	2	5	2	1	1	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
First Day Deaths									
Total	6	-	-	-	2	1	1	-	-
White	6	-	-	-	2	1	1	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	-	1	-	-	2	-	-	-	1
White	-	1	-	-	2	-	-	-	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	1	-	-	2	1	1	-	1	-
White	1	-	-	2	1	1	-	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	2	2	4	4	4	1	2	3	-
White	2	2	4	4	4	1	2	2	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	23.6	9.8	12.9	11.5	16.5	15.6	6.9	11.2	7.4
Maternal Deaths	-	-	-	1	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Olmsted	Otter Tail	Pennington	Pine	Pipestone	Polk	Pope	Ramsey	St. Paul
Live Births	1,449	727	247	332	194	572	178	6,717	4,021
Fertility Rate	60.1	78.6	79.0	95.8	86.2	82.7	89.6	62.5	62.7
Birth Rate	15.7	14.5	16.6	17.6	16.6	16.2	15.5	14.9	14.9
Sex: Male	743	375	123	165	95	309	91	3,456	2,098
Female	706	352	124	167	99	263	87	3,260	1,922
Out-of-Wedlock, Percent	7.1	7.2	8.1	11.7	3.6	7.0	6.7	15.2	20.9
Race: White	1,413	718	243	323	191	557	176	6,081	3,501
Black	10	1	-	1	-	3	-	386	358
Indian	3	6	-	8	3	10	-	83	71
Live Birth Order									
Median	2.2	2.3	2.3	2.3	2.4	2.3	2.5	2.1	2.1
% 5th or over	3.7	7.0	3.6	3.0	7.7	5.6	5.6	3.2	3.7
Prematurity, Percent									
Less than 37 weeks	7.4	7.2	4.9	6.9	5.2	6.3	5.6	7.7	8.1
2,500 grams or less	5.0	5.1	4.0	2.4	5.7	4.4	3.9	6.0	6.6
Plurality:									
Single	1,419	696	243	332	190	561	169	6,588	3,941
Twin	30	31	4	-	4	11	6	126	77
Triplet	-	-	-	-	-	-	3	3	3
Mother's Age, Percent									
Under 18	2.2	4.3	5.7	4.5	3.6	3.8	2.2	3.6	4.7
18-19	5.0	8.4	10.1	10.8	5.2	8.0	8.4	8.3	9.6
40 and over	1.0	1.4	0.8	0.6	-	1.7	1.7	0.7	0.7
Mother's Education, Percent									
Less than 12 years	5.9	13.2	14.6	16.3	10.3	12.6	9.0	12.9	16.8
Over 3 years college	24.7	11.4	13.0	8.1	17.5	13.3	17.4	19.0	16.3
Prenatal Care Began, Percent									
3rd Trimester or none	5.0	4.1	4.0	3.6	1.5	4.7	4.5	3.4	4.2
Prenatal Care Visits									
Median	11.2	11.5	10.3	10.7	7.9	10.0	10.5	10.7	10.7
Congenital Anomalies, Percent	1.0	1.7	0.4	1.8	1.0	0.9	3.4	1.2	1.4
High Risk, Percent	18.7	20.4	12.6	16.9	8.8	15.2	15.2	18.2	20.3
Birth Injuries, Percent	1.3	2.5	0.4	1.2	0.5	0.7	2.2	1.0	0.9
Infant Deaths									
Total	19	8	3	3	1	5	2	88	55
White	19	8	3	2	1	3	2	79	47
Black	-	-	-	-	-	-	-	7	7
Indian	-	-	-	1	-	2	-	1	1
Neonatal Deaths									
Total	16	8	2	2	1	2	1	56	35
White	16	8	2	1	1	-	1	50	29
Black	-	-	-	-	-	-	-	5	5
Indians	-	-	-	1	-	2	-	1	1
First Day Deaths									
Total	9	6	-	2	-	-	-	36	20
White	9	6	-	1	-	-	-	31	15
Black	-	-	-	-	-	-	-	4	4
Indian	-	-	-	1	-	-	-	1	1
1-6 Day Deaths									
Total	6	1	2	-	-	2	1	13	9
White	6	1	2	-	-	-	1	12	8
Black	-	-	-	-	-	-	-	1	1
Indian	-	-	-	-	-	2	-	-	-
7-27 Day Deaths									
Total	1	1	-	-	1	-	-	7	6
White	1	1	-	-	1	-	-	7	6
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	16	12	5	2	1	3	2	60	46
White	16	10	5	2	1	3	2	51	38
Black	-	-	-	-	-	-	-	6	5
Indian	-	1	-	-	-	-	-	1	1
Perinatal Rate	22.1	27.5	28.3	12.0	10.3	8.7	16.9	17.3	20.1
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Red Lake	Redwood	Renville	Rice	Rock	Roseau	St. Louis	Duluth	Scott
Live Births	97	319	332	657	167	245	3,318	1,570	710
Fertility Rate	101.4	88.6	91.5	59.9	75.3	104.3	71.5	74.4	67.8
Birth Rate	18.3	16.2	16.3	14.8	14.6	19.1	15.0	16.5	16.4
Sex: Male	50	163	165	339	76	126	1,735	831	370
Female	47	156	167	318	91	119	1,583	739	340
Out-of-Wedlock, Percent	6.2	5.3	7.5	6.5	1.2	9.0	9.8	12.4	5.4
Race: White	96	310	330	654	165	241	3,201	1,508	707
Black	-	-	-	2	-	-	23	18	-
Indian	1	6	2	-	-	4	73	32	1
Live Birth Order									
Median	2.5	2.6	2.4	2.4	2.6	2.3	2.2	2.1	2.3
% 5th or over	7.2	6.6	5.7	3.2	6.6	6.5	2.5	1.9	4.9
Prematurity, Percent									
Less than 37 weeks	7.2	4.7	5.7	5.8	3.0	8.6	7.7	6.8	6.1
2,500 grams or less	9.3	1.9	3.9	5.2	2.4	4.1	5.8	5.1	5.6
Plurality:									
Single	95	311	330	647	161	239	3,260	1,548	693
Twin	2	8	2	10	6	6	55	22	17
Triplet	-	-	-	-	-	-	3	-	-
Mother's Age, Percent									
Under 18	3.1	3.1	3.3	4.0	1.8	4.5	3.4	3.3	2.1
18-19	7.2	7.2	7.2	7.0	6.6	13.9	8.3	7.8	5.4
40 and over	2.1	1.3	1.5	0.6	-	1.2	0.5	0.3	1.1
Mother's Education, Percent									
Less than 12 years	9.3	8.2	8.7	11.1	6.6	9.4	12.0	11.0	6.9
Over 3 years college	13.4	12.5	10.5	14.5	10.2	6.5	16.0	19.0	11.1
Prenatal Care Began, Percent									
3rd Trimester or none	6.2	2.2	2.4	1.7	1.2	4.5	3.2	2.8	1.5
Prenatal Care Visits									
Median	9.8	10.6	10.9	10.6	11.3	9.2	10.4	10.1	10.8
Congenital Anomalies, Percent	2.1	0.9	2.1	1.5	0.6	3.7	1.4	1.6	0.8
High Risk, Percent	17.5	11.0	13.3	18.0	13.8	22.4	15.3	12.3	15.8
Birth Injuries, Percent	1.0	1.3	0.9	1.5	3.0	4.9	0.8	0.8	2.1
Infant Deaths									
Total	-	2	4	8	1	6	46	22	12
White	-	2	4	8	1	5	45	21	12
Black	-	-	-	-	-	-	1	1	-
Indian	-	-	-	-	-	1	-	-	-
Neonatal Deaths									
Total	-	2	3	5	1	5	33	16	10
White	-	2	3	5	1	4	32	15	10
Black	-	-	-	-	-	-	1	1	-
Indian	-	-	-	-	-	1	-	-	-
First Day Deaths									
Total	-	2	3	2	-	2	14	4	8
White	-	2	3	2	-	2	14	4	8
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	-	-	-	3	1	3	12	8	-
White	-	-	-	3	1	2	12	8	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	1	-	-	-
7-27 Day Deaths									
Total	-	-	-	-	-	-	7	4	2
White	-	-	-	-	-	-	6	3	2
Black	-	-	-	-	-	-	1	1	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	1	2	1	5	1	4	23	9	4
White	1	2	1	5	1	4	20	8	4
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	2	1	-
Perinatal Rate	10.3	12.5	12.0	15.2	12.0	36.7	16.9	15.9	19.7
Maternal Deaths	-	-	-	-	-	1	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Sher-burne	Sibley	Stearns	Steele	Stevens	Swift	Todd	Traverse	Wabasha
Live Births	525	246	1,760	490	179	203	439	78	349
Fertility Rate	74.9	80.8	65.2	72.5	70.4	85.7	100.4	66.6	92.2
Birth Rate	17.0	16.0	16.5	16.0	16.0	15.4	18.4	12.8	18.2
Sex: Male	267	115	930	259	90	119	237	39	177
Female	258	131	830	231	89	84	202	39	172
Out-of-Wedlock, Percent	5.7	4.5	6.8	5.1	1.7	4.4	5.9	7.7	6.9
Race: White	503	246	1,746	488	178	202	433	74	347
Black	1	-	3	1	-	-	-	-	1
Indian	-	-	2	-	-	-	2	4	-
Live Birth Order									
Median	2.4	2.5	2.4	2.3	2.3	2.3	2.6	2.7	2.5
5th or over	4.6	5.3	7.8	4.5	3.4	4.9	12.3	6.4	6.0
Prematurity, Percent									
Less than 37 weeks	7.2	6.9	7.8	7.3	5.0	8.9	5.2	5.1	5.4
2,500 grams or less	5.9	6.5	4.9	5.1	3.4	4.4	4.1	3.8	4.6
Plurality:									
Single	511	238	1,714	482	177	201	425	78	347
Twin	14	8	46	8	2	2	14	-	2
Triplet	-	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	3.4	3.7	2.3	2.9	1.1	4.4	2.5	7.7	1.7
18-19	9.0	4.1	7.0	6.7	7.8	6.9	8.0	3.8	7.2
40 and over	0.6	0.4	1.2	0.8	-	1.0	1.1	1.3	1.4
Mother's Education, Percent									
Less than 12 years	11.0	8.1	8.5	10.0	4.5	9.4	13.7	12.8	8.3
Over 3 years college	10.7	10.6	12.2	13.1	14.0	10.3	9.6	23.1	10.3
Prenatal Care Began, Percent									
3rd Trimester or none	2.5	4.1	1.9	4.3	1.7	1.5	5.9	5.1	3.7
Prenatal Care Visits									
Median	10.5	10.1	10.4	10.7	9.4	10.2	10.2	10.2	10.5
Congenital Anomalies, Percent	0.8	1.6	1.1	2.9	1.1	2.0	0.9	-	0.9
High Risk, Percent	15.6	19.1	13.2	16.7	11.7	13.3	18.5	16.7	17.5
Birth Injuries, Percent	1.5	4.9	0.7	2.2	-	2.5	1.6	-	2.0
Infant Deaths									
Total	7	3	15	8	1	3	5	2	9
White	7	3	15	8	1	3	5	1	9
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	1	-
Neonatal Deaths									
Total	4	1	10	5	1	3	3	2	7
White	4	1	10	5	1	3	3	1	7
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	1	-
First Day Deaths									
Total	4	1	7	3	1	3	2	1	6
White	4	1	7	3	1	3	2	-	6
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	1	-
1-6 Day Deaths									
Total	-	-	3	-	-	-	1	1	1
White	-	-	3	-	-	-	1	1	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	-	2	-	-	-	-	-
White	-	-	-	2	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	5	3	15	2	-	1	4	2	2
White	4	2	13	2	-	1	4	2	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	17.1	16.3	14.2	14.3	5.6	19.7	15.9	51.3	25.8
Maternal Deaths	1	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Wadena	Waseca	Wash-ington	Watonwan	Wilkin	Winona	Wright	Yellow Medicine	Unknown
Live Births	256	336	1,780†	197	118	662	1,052	213	6
Fertility Rate	94.2	92.7	60.8	85.6	71.2	59.4	95.1	80.7	-
Birth Rate	18.2	18.3	15.4	16.0	13.7	14.4	20.2	15.3	-
Sex: Male	115	178	926	110	54	347	545	117	3
Female	141	158	853	87	64	315	507	96	3
Out-of-Wedlock, Percent	8.6	3.9	7.4	8.1	8.5	8.2	4.3	5.2	-
Race: White	254	334	1,746	197	115	658	1,005	209	5
Black	-	1	6	-	-	-	2	-	-
Indian	2	1	4	-	2	1	4	4	-
Live Birth Order									
Median	2.4	2.3	2.3	2.3	2.2	2.2	2.5	2.5	-
% 5th or over	10.2	5.7	2.8	7.6	2.5	4.4	5.9	6.1	-
Prematurity, Percent									
Less than 37 weeks	7.8	4.5	7.3	4.6	10.2	8.5	5.2	9.9	-
2,500 grams or less	7.4	1.5	5.7	2.0	4.2	4.7	4.0	6.6	-
Plurality:									
Single	254	336	1,728	195	114	646	1,030	205	6
Twin	2	-	49	2	4	16	22	8	-
Triplet	-	-	3	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	5.5	2.7	2.8	6.1	2.5	3.2	2.5	8.9	-
18-19	15.2	6.8	6.7	6.1	8.5	7.9	6.7	7.5	-
40 and over	1.2	0.9	0.7	-	0.8	0.8	1.5	0.9	-
Mother's Education, Percent									
Less than 12 years	12.1	7.7	8.8	15.2	6.8	12.1	9.5	15.5	-
Over 3 years college	7.8	16.4	17.9	16.2	10.2	14.2	12.2	13.1	-
Prenatal Care Began, Percent									
3rd Trimester or none	7.0	1.5	2.5	7.6	0.8	2.4	2.0	4.2	-
Prenatal Care Visits									
Median	9.2	10.2	10.7	9.9	11.6	11.0	10.3	9.9	-
Congenital Anomalies, Percent	1.2	0.3	0.8	1.5	-	1.1	1.3	1.9	-
High Risk, Percent	22.3	8.9	15.6	12.7	9.3	17.8	14.2	16.0	-
Birth Injuries, Percent	0.8	0.3	0.8	2.0	0.8	1.8	1.0	1.4	-
Infant Deaths									
Total	4	1	17	2	-	9	9	1	-
White	4	1	17	2	-	9	9	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Neonatal Deaths									
Total	2	-	12	1	-	6	9	1	-
White	2	-	12	1	-	6	9	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
First Day Deaths									
Total	1	-	6	-	-	2	7	-	-
White	1	-	6	-	-	2	7	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	1	-	3	-	-	2	2	-	-
White	1	-	3	-	-	2	2	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	3	1	-	2	-	1	-
White	-	-	3	1	-	2	-	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	1	3	17	1	-	4	8	1	-
White	1	3	14	1	-	4	8	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-
Perinatal Rate	11.7	8.9	16.3	10.2	-	15.1	16.2	9.4	-
Maternal Deaths	-	-	-	-	-	-	-	-	-

* As of the 1970 Census

† Includes deliveries of unknown sex

LIVE BIRTHS BY AGE OF MOTHER AND LIVE BIRTH ORDER
MINNESOTA RESIDENTS, 1978

Live Birth Order	Age of Mother									
	Total Births	Under 15 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 & Over Years	Age Not Stated
First	25,030	55	5,560	10,557	7,055	1,556	216	24	-	7
Second	19,904	1	993	7,204	8,240	3,046	389	31	-	-
Third	9,553	-	79	1,856	4,360	2,718	499	39	2	-
Fourth	3,496	-	6	333	1,318	1,305	479	53	2	-
Fifth	1,253	-	-	39	330	507	317	58	2	-
Sixth	592	-	-	8	94	221	214	52	3	-
Seventh	263	-	-	-	17	88	121	32	5	-
Eight or Over	373	-	-	4	19	59	169	107	15	-
Not Stated	1,513	4	181	482	565	227	44	6	1	3
TOTAL	61,977	60	6,819	20,483	21,998	9,727	2,448	402	30	10
Percent	100.0	0.1	11.0	33.0	35.5	15.7	3.9	0.6	-	-

LIVE BIRTH WEIGHT BY LIVE BIRTH ORDER AND SEX
MINNESOTA RESIDENTS, 1978

Live Birth Order	Total Births	Weight in Grams									
		1,000 or Less	1,001 to 1,500	1,501 to 2,000	2,001 to 2,500	2,501 to 3,000	3,001 to 3,500	3,501 to 4,000	4,001 to 4,500	4,501 and Over	Weight Not Stated
First	25,030	108	115	283	911	3,573	9,640	7,784	2,197	389	30
Second	19,904	84	89	191	617	2,467	6,872	6,809	2,245	496	34
Third	9,553	39	43	81	314	1,016	2,996	3,330	1,388	332	14
Fourth	3,496	15	14	41	113	436	1,085	1,171	490	126	5
Fifth	1,253	7	8	21	61	154	383	380	196	42	1
Sixth	592	2	5	7	26	72	178	185	94	22	1
Seventh	263	1	1	6	6	27	73	96	38	15	-
Eight or Over	373	1	1	5	11	24	104	127	64	34	2
Not Stated	1,513	3	5	9	35	110	329	277	112	27	606
TOTAL	61,977*	260	281*	644	2,094	7,879	21,660	20,159	6,824	1,483*	693
Male	31,881	141	154	295	938	3,406	10,282	11,020	4,289	1,016	340
Female	30,094	119	126	349	1,156	4,473	11,378	9,139	2,535	466	353

* Includes sex unknown

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS
BY URBAN AREA OF RESIDENCE, MINNESOTA, 1978

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
Albert Lea	267	4	213	1	1
Alexandria	94	1	115	1	1
Anoka	348	2	114	5	2
Apple Valley	357	1	22	1	1
Arden Hills	77	-	48	1	1
Aurora	42	-	23	1	1
Austin	303	3	267	7	4
Babbitt	38	-	16	-	-
Bayport	20	-	17	1	-
Bemidji	144	1	114	3	2
Benson	54	-	55	-	-
Blaine	593	3	57	5	3
Bloomington	905	5	394	14	8
Blue Earth	51	-	71	1	-
Brainerd	303	1	157	4	3
Breckenridge	59	-	62	-	-
Brooklyn Center	426	2	143	11	8
Brooklyn Park	789	7	100	9	4
Buffalo	128	-	59	-	-
Burnsville	569	5	87	5	4
Caledonia	35	-	34	-	-
Cambridge	40	1	95	1	1
Chanhassen	73	-	18	-	-
Chaska	141	-	36	2	1
Chisholm	89	-	87	1	-
Circle Pines	86	-	16	2	-
Cloquet	198	-	114	2	2
Columbia Heights	279	3	142	4	4
Coon Rapids	533	2	93	7	3
Cottage Grove	315	-	37	3	1
Crookston	148	-	120	1	-
Crystal	365	-	137	2	2
Deephaven	43	1	16	1	1
Detroit Lakes	105	2	110	1	1
Duluth	1,570	9	1,084	22	16
East Bethel	64	-	16	1	-
East Grand Forks	176	-	80	4	2
Eden Prairie	196	-	38	2	1
Edina	287	1	400	6	5
Ely	65	-	84	2	1

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS BY URBAN AREA OF RESIDENCE, MINNESOTA, 1978-CONT.

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
Eveleth	88	2	73	-	-
Excelsior	58	-	45	-	-
Fairmont	167	1	128	4	3
Falcon Heights	91	1	29	-	-
Faribault	303	4	183	-	-
Farmington	148	3	42	-	-
Fergus Falls	185	1	125	3	3
Forest Lake	162	4	56	-	-
Fridley	466	2	136	6	5
Glencoe	48	-	42	-	-
Glenwood	34	1	54	-	-
Golden Valley	217	1	148	1	1
Grand Rapids	237	3	129	9	6
Granite Falls	56	-	47	-	-
Hastings	250	1	100	2	-
Hibbing	284	3	209	1	1
Hopkins	214	2	154	3	3
Hoyt Lakes	55	1	14	4	3
Hutchinson	131	1	90	1	1
International Falls	140	-	78	3	3
Inver Grove Heights	283	2	72	10	10
Jackson	65	1	63	-	-
La Crescent	51	-	29	-	-
Lake City	51	-	59	2	2
Lake Elmo	94	-	30	2	1
Lakeville	223	2	35	1	1
Lauderdale	48	-	8	-	-
Le Sueur	63	-	52	-	-
Lino Lakes	58	-	6	-	-
Litchfield	93	1	112	-	-
Little Canada	133	-	42	-	-
Little Falls	124	1	103	1	-
Luverne	61	1	57	1	1
Mahtomedi	45	-	18	-	-
Mankato	477	1	238	7	5
Maple Grove	351	2	37	2	2
Maplewood	378	2	140	3	2
Marshall	176	-	67	3	1
Mendota Heights	63	1	31	-	-
Minneapolis	5,419	44	4,381	73	53

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS BY URBAN AREA OF RESIDENCE, MINNESOTA, 1978-CONT.

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
Minnetonka	406	3	157	-	-
Minnetrista	20	-	13	-	-
Montevideo	116	2	101	2	1
Moorhead	395	1	158	7	6
Mora	49	-	54	1	1
Morris	57	-	58	1	1
Mound	201	3	45	1	-
Mounds View	206	-	28	4	1
New Brighton	402	2	87	3	1
New Hope	333	2	113	6	4
New Prague	77	-	56	2	2
New Ulm	216	2	113	2	1
Newport	79	1	20	1	1
Northfield	133	-	111	4	3
North Mankato	173	-	44	1	-
North St. Paul	205	2	59	3	3
Oakdale	222	5	44	4	4
Olivia	51	-	29	-	-
Orono	40	-	20	-	-
Ortonville	45	-	52	-	-
Osseo	52	1	32	1	1
Owatonna	292	-	171	7	4
Park Rapids	54	-	63	1	1
Pipestone	81	1	80	-	-
Plymouth	353	1	99	4	4
Princeton	47	-	41	-	-
Proctor	57	-	34	2	2
Red Wing	179	1	169	2	2
Redwood Falls	76	-	53	-	-
Richfield	436	5	229	4	2
Robbinsdale	184	1	131	1	-
Rochester	976	6	425	13	10
Roseau	40	1	38	1	1
Roseville	359	2	233	6	5
St. Anthony	76	-	55	1	-
St. Cloud	597	1	306	8	7
St. James	63	-	78	-	-
St. Louis Park	490	3	350	3	2
St. Paul	4,021	46	2,935	55	35
St. Paul Park	96	-	25	-	-

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS BY URBAN AREA OF RESIDENCE, MINNESOTA, 1978-CONT.

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
St. Peter	129	-	80	1	-
Sauk Centre	47	-	45	-	-
Sauk Rapids	134	-	77	3	2
Savage	66	-	17	1	-
Shakopee	206	2	56	4	3
Shoreview	213	-	50	6	3
Shorewood	32	-	14	-	-
Silver Bay	50	-	6	-	-
Sleepy Eye	66	1	57	2	1
South St. Paul	316	-	170	5	4
Springfield	29	1	42	-	-
Spring Lake Park	112	1	13	1	-
Spring Valley	39	1	50	-	-
Staples	39	1	30	2	2
Stewartville	99	2	34	1	1
Stillwater	249	5	116	3	2
Thief River Falls	158	4	109	3	2
Tracy	39	-	53	1	1
Two Harbors	71	1	72	-	-
Vadnais Heights	78	-	10	-	-
Virginia	162	2	186	3	3
Wadena	64	-	43	-	-
Waite Park	68	-	40	1	1
Waseca	171	1	72	1	-
Wayzata	112	1	54	1	1
Wells	47	-	33	-	-
West St. Paul	222	2	159	2	2
White Bear Lake	431	4	146	5	5
Willmar	218	1	155	3	3
Windom	54	-	66	1	1
Winona	312	2	294	5	4
Woodbury	136	-	21	1	1
Worthington	161	-	117	1	-

* Municipalities with population of 2,500 or more.

PRENATAL CARE AND RACE BY AGE OF MOTHER AND BY LEGITIMACY STATUS
MINNESOTA RESIDENTS, 1978

	Total	Percent	Age of Mother					
			Under 15	15-19	20-29	30-39	40 and Over	Unknown
Legitimate Live Births	55,554*	89.6	-	3,848	39,461	11,823	416	6
Prenatal Care Started								
1st Trimester	42,876	69.2	-	2,360	31,065	9,221	227	3
2nd Trimester	9,790	15.8	-	1,157	6,461	2,023	148	1
3rd Trimester	1,181	1.9	-	181	740	241	18	1
No Care	118	0.2	-	9	77	26	6	-
Unknown	1,589	2.6	-	141	1,118	312	17	1
Race								
White	53,308	86.0	-	3,671	37,925	11,311	396	5
Black	624	1.0	-	38	429	151	6	-
Indian	540	0.9	-	77	362	94	7	-
Out-of-Wedlock Live Births	6,423*†	10.4	60	2,971	3,020	352	16	4
Prenatal Care Started								
1st Trimester	3,045	4.9	13	1,248	1,601	173	9	1
2nd Trimester	2,345	3.8	27	1,241	976	95	4	2
3rd Trimester	680	1.1	14	331	289	43	3	-
No Care	117	0.2	2	38	58	19	-	-
Unknown	236	0.4	4	113	96	22	-	1
Race								
White	5,021	8.1	37	2,416	2,290	260	14	4
Black	754	1.2	12	292	408	41	1	-
Indian	557	0.9	9	218	287	42	1	-
Legitimate Fetal Deaths	389*	83.1	-	22	256	99	12	-
Race								
White	350	74.8	-	21	236	84	9	-
Black	12	2.6	-	-	5	7	-	-
Indian	7	1.5	-	-	4	2	1	-
Out-of-Wedlock Fetal Deaths	79*†	16.9	-	35	32	10	2	-
Race								
White	58	12.4	-	29	22	6	1	-
Black	9	1.9	-	3	5	1	-	-
Indian	6	1.3	-	-	2	3	1	-

*Includes deliveries of other and unknown races
†Includes unknown legitimacy status

FETAL DEATHS OF 20 WEEKS AND OVER BY CAUSE AND WEIGHT OF FETUS
MINNESOTA RESIDENTS, 1978

Cause of Death	Total Fetal Deaths	Weight in Grams: 1,000 or Less	1,001 to 1,500	1,501 to 2,000	2,001 to 2,500	2,501 to 3,000	3,001 to 3,500	3,501 to 4,000	4,001 to 4,500	4,501 and Over	Weight Unknown
Total All Causes	468	115	44	43	35	47	49	17	7	6	105
Maternal Diseases Unrelated to Pregnancy	25	-	8	1	-	2	2	1	-	-	11
Diabetes	(15)	(-)	(2)	(1)	(-)	(1)	(2)	(1)	(-)	(-)	(8)
Maternal Diseases of Pregnancy and Childbirth	17	4	3	2	1	2	2	1	-	-	2
Toxemia of Pregnancy	(14)	(1)	(3)	(2)	(1)	(2)	(2)	(1)	(-)	(-)	(2)
Difficult Labor	17	-	1	-	1	2	4	-	3	1	5
Malposition of Fetus	(10)	(-)	(-)	(-)	(-)	(1)	(2)	(-)	(2)	(1)	(4)
Other Complications	39	19	-	3	1	2	1	-	-	1	12
Placenta & Cord Conditions	163	34	19	16	14	22	16	3	2	2	35
Congenital Anomalies	31	5	3	1	7	2	5	2	-	1	5
Anencephalus	(3)	(-)	(-)	(-)	(2)	(-)	(-)	(1)	(-)	(-)	(-)
Hydrocephalus	(5)	(1)	(-)	(-)	(3)	(1)	(-)	(-)	(-)	(-)	(-)
Diseases of Fetus & Ill-defined	70	27	4	7	5	3	5	3	2	-	14
Hemolytic Disease	(5)	(1)	(-)	(-)	(1)	(1)	(-)	(-)	(1)	(-)	(1)
Anoxic & Hypoxic Conditions	(17)	(4)	(-)	(1)	(1)	(1)	(3)	(3)	(1)	(-)	(3)
Umbilical Hernia	1	-	-	-	-	-	-	-	-	-	1
Unknown	105	26	6	13	6	12	14	7	-	1	20

BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES,
DIVORCES AND ANNULMENTS BY MONTH
MINNESOTA OCCURRENCES, 1978

	Births	Deaths	Infant Deaths	Fetal Deaths	Marriages	Divorces & Annulments
Total	62,387	34,003	823	468	33,480	14,393
January	4,832	3,087	47	37	1,168	1,226
February	4,621	2,881	71	49	1,350	980
March	5,308	2,868	75	43	1,562	1,235
April	4,968	2,805	64	26	2,640	1,134
May	5,398	2,902	68	40	3,078	1,235
June	5,304	2,613	74	27	4,542	1,277
July	5,377	2,689	63	41	3,552	1,166
August	5,492	2,672	57	57	4,005	1,310
September	5,414	2,739	86	37	4,200	1,248
October	5,365	2,951	67	47	2,943	1,182
November	5,067	2,778	69	28	2,154	1,174
December	5,241	3,018	82	36	2,286	1,224
Unknown	-	-	-	-	-	2

INFANT, NEONATAL AND POSTNEONATAL DEATHS BY CAUSE
MINNESOTA RESIDENTS, 1978

Causes of Death	Infant Deaths	Neonatal				Post-neonatal
		Total	Under 1 Day	1-6 Days	7-27 Days	
All Causes - Total	739	513	272	149	92	226
Certain causes of perinatal morbidity and mortality - Total	361	348	214	100	34	13
Anoxia or hypoxia	143	134	69	49	16	9
Maternal conditions	98	98	71	22	5	-
Immaturity unqualified	55	55	53	2	-	-
Birth injuries	42	40	8	21	11	2
Hemolytic disease of the newborn	8	8	6	1	1	-
Residual	15	13	7	5	1	2
Congenital anomalies	152	97	43	32	22	55
Ill-defined causes	107	12	2	1	9	95
Infective and parasitic diseases - Total	27	18	2	5	11	9
Septicemia	10	7	1	4	2	3
Intestinal infectious disease	8	6	-	1	5	2
Meningococcal infection	2	1	-	-	1	1
Residual	7	4	1	-	3	3
Diseases of the respiratory system - Total	24	13	6	3	4	11
Influenza - pneumonia	16	10	3	3	4	6
Other diseases of the respiratory system	8	3	3	-	-	5
Diseases of the nervous system and sense organs - Total	18	5	-	-	5	13
Meningitis	4	-	-	-	-	4
Residual	14	5	-	-	5	9
Accidents, poisonings, and violence - Total	17	-	-	-	-	17
Inhalation or ingestion causing suffocation	3	-	-	-	-	3
Mechanical suffocation	2	-	-	-	-	2
Motor vehicle	2	-	-	-	-	2
Other accidents	7	-	-	-	-	7
Homicide	3	-	-	-	-	3
Diseases of the circulatory system	12	7	1	2	4	5
Diseases of the digestive system - Total	11	9	4	4	1	2
Hernia of abdominal cavity	10	9	4	4	1	1
Residual	1	-	-	-	-	1
Endocrine, nutritional, and metabolic diseases - Total	4	1	-	1	-	3
Neoplasms - Total	2	-	-	-	-	2
Malignant	2	-	-	-	-	2
Diseases of blood and the blood forming organs	2	2	-	-	2	-
Diseases of the urinary system	1	1	-	1	-	-
Mental disorders	1	-	-	-	-	1

DEATHS OCCURRING IN MINNESOTA BY CAUSE AND AUTOPSY STATUS
1978

Cause of Death	Total Deaths	Autopsy Status					
		Number			Percent		
		Performed	Not Performed	Not Stated	Performed	Not Performed	Not Stated
All Causes - Total	34,003	6,638	23,346	4,019	19.5	68.7	11.8
I. Infective and parasitic diseases	238	91	128	19	38.2	53.8	8.0
II. Neoplasms	7,136	1,115	5,076	945	15.6	71.1	13.2
III. Endocrine, nutritional, and metabolic diseases	622	110	438	74	17.7	70.4	11.9
IV. Diseases of the blood and blood-forming organs	90	28	55	7	31.1	61.1	7.8
V. Mental disorders	217	34	157	26	15.7	72.4	12.0
VI. Diseases of the nervous system and sense organs	416	91	276	49	21.9	66.3	11.8
VII. Diseases of the circulatory system	17,628	2,648	12,722	2,258	15.0	72.2	12.8
VIII. Diseases of the respiratory system	2,410	381	1,746	283	15.8	72.4	11.7
IX. Diseases of the digestive system	1,033	409	553	71	39.6	53.5	6.9
X. Diseases of the genitourinary system	367	63	256	48	17.2	69.8	13.1
XI. Complications of pregnancy, childbirth, and the puerperium	5	5	-	-	100.0	-	-
XII. Diseases of the skin and subcutaneous tissue	23	6	15	2	26.1	65.2	8.7
XIII. Diseases of the musculoskeletal system and connective tissue	122	30	83	9	24.6	68.0	7.4
XIV. Congenital anomalies	317	215	86	16	67.8	27.1	5.0
XV. Certain causes of perinatal morbidity and mortality	374	182	152	40	48.7	40.6	10.7
XVI. Symptoms and ill-defined conditions	475	167	266	42	35.2	56.0	8.8
XVII. Accidents, poisoning, and violence	2,530	1,063	1,337	130	42.0	52.8	5.1

DEATHS DUE TO SELECTED CAUSES BY RACE
MINNESOTA RESIDENTS, 1978

	Total	White	Black	Indian	Other	Unknown
All Causes - Total	33,312	32,729	325	206	34	18
Infective - parasitic	233	225	7	1	-	-
Tuberculosis	19	19	-	-	-	-
Neoplasms - malignant	6,834	6,738	68	16	10	2
Digestive	1,924	1,896	21	3	4	-
Respiratory	1,393	1,371	18	3	1	-
Breast	670	659	10	1	-	-
Genital	845	841	1	3	-	-
Urinary	343	339	3	-	-	1
Leukemia	326	323	1	-	2	-
Diabetes mellitus	489	479	2	6	2	-
Major cardiovascular	17,162	16,969	109	65	14	5
Rheumatic	307	302	5	-	-	-
Hypertensive heart	145	142	2	1	-	-
Ischemic heart	10,864	10,744	66	40	9	5
Other heart	1,049	1,030	10	7	2	-
Hypertension	83	83	-	-	-	-
Cerebrovascular	3,586	3,550	19	15	2	-
Arteriosclerosis	628	624	2	1	1	-
Respiratory	2,403	2,377	14	10	1	1
Influenza	104	104	-	-	-	-
Pneumonia	1,276	1,264	5	5	1	1
Bronchitis	79	79	-	-	-	-
Emphysema	264	262	1	1	-	-
Asthma	36	35	1	-	-	-
Peptic ulcer	106	105	-	-	1	-
Hernia & intestinal obstruction	94	92	1	1	-	-
Cirrhosis of liver	367	355	4	8	-	-
Nephritis & nephrosis	97	92	4	1	-	-
Kidney infection	33	32	-	1	-	-
Pregnancy, childbirth & puerperium	6	6	-	-	-	-
Congenital anomalies	229	216	9	3	-	1
Infant mortality	360	338	12	9	-	1
Ill-defined	479	449	20	5	2	3
Other diseases	1,917	1,874	25	16	2	-
Accidents	1,932	1,846	31	48	2	5
Motor vehicle	1,005	967	8	26	2	2
Accidental falls	331	323	5	3	-	-
Suicide	407	398	4	5	-	-
Homicide	87	63	15	9	-	-
Other violent deaths	77	75	-	2	-	-

FIFTEEN LEADING CAUSES OF DEATH, DEATH RATES PER 100,000 POPULATION AND PERCENT OF TOTAL DEATHS, MINNESOTA RESIDENTS, 1978

Cause of Death	Number of Deaths	Death Rates	Percent of Total
Heart Disease (390-398, 402, 404, 410-429)	12,365	308.5	37.1
Cancer (Malignant neoplasms) (140-209)	6,834	170.5	20.5
Cerebrovascular Disease (430-438)	3,586	89.5	10.8
Accidental deaths (800-949)	1,932	48.2	5.8
Motor vehicle (810-823)	(1,005)	(25.1)	(3.0)
Accidental falls (880-887)	(331)	(8.3)	(1.0)
Influenza and pneumonia (470-474, 480-486)	1,380	34.4	4.1
Influenza (470-474)	(104)	(2.6)	(0.3)
Pneumonia (480-486)	(1,276)	(31.8)	(3.8)
Arteriosclerosis (440)	628	15.7	1.9
Diabetes mellitus (250)	489	12.2	1.5
Suicide (950-959)	407	10.2	1.2
Bronchitis, emphysema, and asthma (490-493)	379	9.5	1.1
Cirrhosis of the liver (571)	367	9.2	1.1
Certain causes of perinatal morbidity and mortality (760-779)	360	9.0	1.1
Congenital anomalies (740-759)	229	5.7	0.7
Peptic ulcer (531-533)	106	2.6	0.3
Nephritis and nephrosis (580-584)	97	2.4	0.3
Hernia and intestinal obstruction (550-553, 560)	94	2.3	0.3
All other causes	4,059	101.3	12.2
Total - all causes	33,312	831.1	100.0

LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS
MINNESOTA RESIDENTS, 1978

	No. of Deaths	Per-cent
1-4 Years		
Total, all causes	137	100.0
Accidental deaths	65	47.4
Motor vehicle	(24)	(17.5)
Congenital anomalies	22	16.1
Malignant neoplasms	14	10.2
Diseases of the nervous system and sense organs	10	7.3
Diseases of the heart	6	4.4
5-9 Years		
Total, all causes	70	100.0
Accidental deaths	29	41.4
Motor vehicle	(13)	(18.6)
Malignant neoplasms	9	12.9
Diseases of the nervous system and sense organs	8	11.4
Infective and parasitic diseases	4	5.7
Congenital anomalies	4	5.7
10-14 Years		
Total, all causes	128	100.0
Accidental deaths	67	52.3
Motor vehicle	(32)	(25.0)
Malignant neoplasms	20	15.6
Homicide	9	7.0
Diseases of the nervous system and sense organs	7	5.5
Congenital anomalies	4	3.1
15-19 Years		
Total, all causes	387	100.0
Accidental deaths	286	73.9
Motor vehicle	(216)	(55.8)
Suicide	30	7.8
Malignant neoplasms	28	7.2
Homicide	10	2.6
Congenital anomalies	7	1.8
Injuries undetermined	7	1.8
20-34 Years		
Total, all causes	1,045	100.0
Accidental deaths	533	51.0
Motor vehicle	(386)	(36.9)
Suicide	156	14.9
Malignant neoplasms	89	8.5
Diseases of the heart	42	4.0
Homicide	39	3.7
Injuries undetermined	28	2.7
35-49 Years		
Total, all causes	1,428	100.0
Malignant neoplasms	383	26.8
Diseases of the heart	361	25.3
Accidental deaths	202	14.1
Motor vehicle	(115)	(8.1)
Suicide	80	5.6
Cirrhosis of the liver	68	4.8
Cerebrovascular disease	53	3.7
50-64 Years		
Total, all causes	5,182	100.0
Diseases of the heart	1,969	38.0
Malignant neoplasms	1,709	33.0
Cerebrovascular disease	242	4.7
Accidental deaths	223	4.3
Motor vehicle	(99)	(1.9)
Cirrhosis of the liver	163	3.1
65-74 Years		
Total, all causes	7,132	100.0
Diseases of the heart	2,827	39.6
Malignant neoplasms	2,013	28.2
Cerebrovascular disease	575	8.1
Influenza and pneumonia	171	2.4
Accidental deaths	169	2.4
Motor vehicle	(61)	(0.9)
Diabetes	131	1.8
Cirrhosis of the liver	93	1.3
75 Years and Over		
Total, all causes	17,064	100.0
Diseases of the heart	7,143	41.9
Cerebrovascular disease	2,694	15.8
Malignant neoplasms	2,568	15.0
Influenza and pneumonia	1,094	6.4
Arteriosclerosis	560	3.3
Accidental deaths	344	2.0
Motor vehicle	(57)	(0.3)
Diabetes	262	1.5

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1978

8th Revision No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total		33,312*	739*	137	70	128	387	422	336	287	321	425	682	1,165	1,657	2,360	3,243	3,889	4,485	4,971	7,608
	Male		18,532	428	77	42	76	284	318	234	185	202	262	418	777	1,051	1,571	2,101	2,379	2,517	2,468	3,122
	Female		14,779	310	60	28	52	103	104	82	102	119	163	264	388	606	789	1,142	1,510	1,968	2,503	4,486
000-136	I. INFECTIVE AND PARASITIC DISEASES	T	233	27	2	4	-	2	2	5	5	4	2	3	10	5	11	18	28	34	34	37
		M	120	14	2	1	-	1	1	2	2	1	1	2	7	4	5	9	13	20	15	18
		F	113	13	-	3	-	1	1	3	3	3	1	1	3	1	6	9	15	14	19	19
000-009	Intestinal Infectious Diseases	T	16	8	-	-	-	-	-	2	-	-	-	-	2	1	2	-	5	4	5	7
		M	12	4	-	-	-	-	-	1	-	-	-	-	1	1	2	-	2	1	2	3
		F	4	4	-	-	-	-	-	1	-	-	-	-	1	-	-	-	3	3	3	4
004	Bacillary Dysentery	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010-019	Tuberculosis	T	19	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	3	7	3	1
		M	12	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	3	4	2	1
		F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	1	2
010-012	Respiratory Tuberculosis (Active)	T	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	2	2
		M	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	1	1
		F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1
013-018	Other Forms Tuberculosis (Active)	T	6	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	1	1
		M	4	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
019	Late Effects of Tuberculosis	T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
032	Diphtheria	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
033	Whooping Cough	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
034	Streptococcal Sore Throat and Scarlet Fever	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
036	Meningococcal Infection	T	4	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
		M	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
		F	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
037	Tetanus	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038	Septicemia	T	90	10	-	-	-	-	1	-	-	2	-	2	1	-	3	7	14	14	17	17
		M	51	8	-	-	-	-	1	-	-	1	-	2	1	-	1	3	8	8	8	10
		F	39	2	-	-	-	-	-	-	-	1	-	-	-	-	2	4	6	6	9	7
062-065	Viral Encephalitis (Acute)	T	3	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		M	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
070	Infectious Hepatitis	T	7	-	-	-	-	-	-	1	1	1	1	-	-	-	1	2	-	-	1	-
		M	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	1	-
		F	4	-	-	-	-	-	-	1	-	1	1	-	-	-	1	-	-	-	-	-
090-097	Syphillis and its Sequelae	T	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual	Other Infective and Parasitic Diseases	T	69	7	1	1	-	2	1	2	4	2	1	1	3	4	4	7	4	5	7	10
		M	41	1	1	-	-	1	-	1	1	-	1	-	3	3	3	5	3	5	4	6
		F	28	6	-	1	-	1	1	1	3	2	-	1	-	1	1	2	1	2	3	4
140-239	II. NEOPLASMS	T	6,887	2	14	9	20	28	30	15	44	63	110	214	384	558	777	1,081	995	939	806	843
		M	3,700	-	9	6	13	18	22	8	17	24	48	94	204	283	448	589	569	497	428	404
		F	3,187	2	5	3	7	10	8	7	27	39	62	119	179	275	329	944	409	442	378	441
140-209	Malignant Neoplasms	T	6,814	2	14	9	20	28	30	15	41	62	110	211	380	554	775	1,077	986	932	798	838
		M	3,679	-	9	6	13	18	22	8	17	24	48	92	203	284	447	588	563	495	424	401
		F	3,135	2	5	3	7	10	8	7	24	38	62	119	177	270	328	489	403	437	374	437
140-149	Of Buccal Cavity and Pharynx	T	120	-	-	-	-	-	1	-	1	2	4	10	14	9	11	27	12	12	4	13
		M	89	-	-	-	-	-	1	-	-	1	3	8	14	6	10	23	7	10	2	5
		F	31	-	-	-	-	-	-	-	1	1	1	2	-	3	1	4	5	2	2	8
150-159	Of Digestive Organs and Peritoneum	T	1,914	-	1	-	-	-	-	1	3	14	23	35	89	123	209	275	296	290	267	290
		M	1,040	-	-	-	-	-	-	1	2	8	13	15	56	69	138	152	187	144	134	131
		F	874	-	1	-	-	-	-	-	1	6	9	20	33	40	71	123	109	146	133	159
150	Of Esophagus	T	122	-	-	-	-	-	-	-	-	-	3	3	8	12	28	18	15	13	15	8
		M	98	-	-	-	-	-	-	-	-	-	2	2	7	8	21	13	14	10	12	7
		F	24	-	-	-	-	-	-	-	-	-	1	1	-	4	-	5	1	3	3	1

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1978

	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
151	Of Stomach	T	286	-	-	-	-	-	-	-	-	3	1	4	9	20	28	38	46	40	52	45
		M	172	-	-	-	-	-	-	-	-	-	1	2	6	16	20	23	33	24	26	21
		F	114	-	-	-	-	-	-	-	-	3	-	2	3	4	8	15	13	16	26	24
152	Of Small Intestine, including Duodenum	T	16	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	2	4	1	2
		M	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	1
		F	9	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	1	2	-	1
153	Of Large Intestine, Except Rectum	T	780	-	-	-	-	-	1	-	2	4	12	19	39	47	71	110	113	120	114	128
		M	393	-	-	-	-	-	-	-	-	3	7	6	21	24	44	56	68	53	52	59
		F	387	-	-	-	-	-	1	-	2	1	5	13	18	23	27	54	45	67	62	69
154	Of Rectum and Rectosigmoid Junction	T	148	-	-	-	-	-	-	-	1	1	-	1	11	11	11	25	23	22	17	25
		M	90	-	-	-	-	-	-	-	1	1	-	1	7	4	7	18	14	14	8	15
		F	58	-	-	-	-	-	-	-	-	-	-	-	4	7	4	7	9	8	9	10
160-163	Of Respiratory System	T	1,393	-	-	1	1	-	4	-	5	5	12	48	110	171	232	252	209	161	121	61
		M	1,032	-	-	-	1	-	3	-	1	2	9	36	77	122	173	182	164	126	93	43
		F	361	-	-	1	-	-	1	-	4	3	3	12	33	49	59	70	45	35	28	18
162	Of Trachea, Bronchus, and Lung	T	1,316	-	-	-	1	-	1	-	4	5	12	44	103	170	223	239	199	153	111	52
		M	969	-	-	-	1	-	-	-	-	2	9	32	73	121	164	172	155	120	84	36
		F	347	-	-	-	-	-	1	-	4	3	3	12	30	49	58	67	44	33	27	16
170-174	Of Bone, Connective Tissue, Skin and Breast	T	830	-	1	-	1	6	2	4	14	19	32	43	64	87	99	118	97	81	70	92
		M	94	-	-	-	1	4	2	1	1	2	2	2	8	9	10	14	8	9	11	10
		F	736	-	1	-	-	2	-	3	13	17	30	41	56	78	89	104	89	72	59	82
172-173	Of Skin	T	93	-	-	-	1	2	1	-	-	5	6	7	9	10	7	13	4	8	10	10
		M	55	-	-	-	1	2	1	-	-	2	2	2	5	6	5	9	1	8	4	7
		F	38	-	-	-	-	-	-	-	-	3	4	5	4	4	2	4	3	-	6	3
174	Of Breast	T	670	-	-	-	-	-	-	3	9	14	25	35	50	73	82	98	84	69	52	76
		M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
		F	667	-	-	-	-	-	-	3	9	14	25	35	50	73	82	98	83	69	51	75
180-189	Of Genitourinary Organs	T	1,188	-	1	-	-	-	3	1	3	4	10	18	41	53	103	193	176	164	172	206
		M	679	-	1	-	-	-	2	-	1	1	4	8	14	21	32	117	111	117	114	136
		F	509	-	-	-	-	-	1	1	2	3	6	10	27	32	71	76	65	47	58	70
180-182	Of Cervix, Uteri, Chorionepithelioma, and Other Parts of the Uterus	T	182	-	-	-	-	-	-	-	2	2	2	13	7	12	25	24	24	25	19	27
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	182	-	-	-	-	-	-	-	2	2	2	13	7	12	25	24	24	25	19	27
185	Of Prostate	T	448	-	-	-	-	-	-	-	-	-	-	2	2	6	18	71	78	87	79	105
		M	448	-	-	-	-	-	-	-	-	-	-	2	2	6	18	71	78	87	79	105
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190-199	Of Other and Unspecified Sites	T	610	2	6	3	6	6	3	2	5	13	11	23	14	39	56	64	89	83	68	77
		M	322	-	4	3	5	2	2	1	4	7	7	16	16	29	38	43	50	35	25	35
		F	288	2	2	-	1	4	1	1	1	6	4	7	18	30	18	21	39	48	43	42
191-192	Of Brain and Other Parts of Central Nervous System	T	209	2	5	3	6	4	2	2	4	7	5	18	16	25	28	27	17	19	11	8
		M	122	-	3	3	5	2	2	1	4	4	4	13	6	11	20	16	12	9	4	4
		F	87	2	2	-	1	3	-	1	-	3	1	5	10	14	8	11	5	10	7	4
200-209	Of Lymphatic and Hematopoietic Tissue	T	769	-	5	5	12	16	16	7	10	5	19	14	28	46	65	98	107	121	96	99
		M	413	-	4	3	6	12	12	5	8	3	8	7	18	28	46	57	56	54	45	41
		F	356	-	1	2	6	4	4	2	2	2	11	7	10	18	19	41	51	67	51	58
201	Hodgkin's Disease	T	44	-	-	-	-	2	3	2	2	3	5	2	3	3	2	7	5	3	2	-
		M	22	-	-	-	-	2	2	2	1	2	3	1	2	1	-	4	2	-	-	-
		F	22	-	-	-	-	-	1	-	1	1	2	1	1	2	2	3	3	3	2	-
204-207	Leukemia	T	326	-	5	3	10	10	10	3	4	2	8	5	12	13	28	34	38	45	47	49
		M	190	-	4	2	5	6	8	2	4	1	1	3	9	8	23	23	20	23	24	22
		F	136	-	1	1	5	4	2	1	-	1	7	2	3	5	5	9	18	22	23	27
210-239	Benign and Unspecified Neoplasms	T	53	-	-	-	-	-	-	-	1	1	-	2	3	4	2	6	12	7	8	7
		M	21	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	6	2	4	3
		F	32	-	-	-	-	-	-	-	1	1	-	-	2	3	1	5	6	5	4	4
240-279	III. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	T	599	4	2	2	3	1	4	4	8	6	14	10	21	24	41	65	86	90	99	115
		M	255	3	-	2	2	1	2	2	3	2	7	5	10	14	24	32	37	45	27	37
		F	344	1	2	-	1	-	2	2	5	4	7	5	11	10	17	33	49	45	72	78
250	Diabetes Mellitus	T	489	1	-	-	-	-	1	2	5	3	12	8	16	20	28	54	77	76	88	98
		M	211	1	-	-	-	-	-	2	2	2	7	4	9	13	18	25	33	37	24	14
		F	278	-	-	-	-	-	1	-	3	1	5	4	7	7	10	29	44	39	64	64
260-269	Avitaminoses and Other Nutritional Deficiency	T	34	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	4	7	4	16
		M	13	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	1	5	1	3
		F	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	3	13
Residual		T	76	3	2	2	3	1	3	2	2	2	2	2	5	4	11	11	5	7	7	1
		M	31	2	-	2	2	1	2	-	-	-	-	1	1	1	4	7	3	3	2	-
		F	45	1	2	-	1	-	1	2	2	2	2	1	4	3	7	4	2	4	5	1
280-289	IV. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	T	76	2	-	-	-	-	1	1	1	1	-	2	3	1	4	5	11	10	11	23
		M	41	1	-	-	-	-	1	1	1	1	-	2	1	-	1	4	8	7	6	7
		F	35	1	-	-	-	-	-	-	-	-	-	-	2	1	3	1	3	3	5	16
280-285	Anemias	T	46	-	-	-	-	-	-	1	1	1	-	-	2	1	1	2	5	8	7	17
		M	24	-	-	-	-	-	-	1	1	1	-	-	-	-	1	2	4	6	4	4
		F	22	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	1	2	3	13

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1978

Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
Re-sid-ual		T 30	2	-	-	-	-	1	-	-	-	-	2	1	-	1	3	6	2	4	6
		M 17	1	-	-	-	-	1	-	-	-	-	2	1	-	-	2	4	1	2	3
		F 13	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	2	3
290-315	V. MENTAL DISORDERS	T 218	1	1	3	1	-	3	2	2	3	5	9	13	14	13	18	18	23	29	60
		M 123	1	1	2	-	-	2	2	2	2	4	7	10	10	9	14	9	10	12	26
		F 95	-	-	1	1	-	1	-	-	1	1	2	3	4	4	4	9	13	17	34
320-389	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	T 405	18	10	8	7	4	11	8	5	15	9	10	20	23	26	49	43	47	32	40
		M 202	9	7	2	4	2	7	4	2	6	4	3	14	6	15	26	18	29	28	16
		F 203	9	3	6	3	2	4	4	3	9	5	7	6	17	11	23	25	18	24	24
320	Meningitis (Excludes Meningitis Classified as Infective)	T 29	12	3	-	-	-	1	-	1	1	-	-	-	1	-	4	1	2	-	1
		M 14	6	1	-	-	-	1	-	1	1	-	-	-	-	-	1	-	1	-	-
		F 15	6	2	-	-	-	-	-	-	-	-	-	-	1	-	3	1	1	-	1
340	Multiple Sclerosis	T 41	-	-	-	-	-	1	1	1	3	6	5	2	4	9	6	1	2	-	-
		M 16	-	-	-	-	-	1	-	-	-	3	-	1	3	4	2	1	1	-	-
		F 25	-	-	-	-	-	-	1	1	3	3	5	1	1	5	4	-	1	-	-
342	Paralysis Agitans	T 99	-	-	-	-	-	-	-	-	-	-	-	-	1	3	6	13	20	36	20
		M 53	-	-	-	-	-	-	-	-	-	-	-	-	1	2	4	6	12	18	10
		F 46	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	7	8	18	10
Re-sid-ual		T 235	6	3	8	7	4	9	7	3	11	3	5	18	17	14	31	28	23	16	19
		M 119	3	4	2	4	2	5	4	1	5	1	3	11	2	8	19	11	13	10	6
		F 117	3	1	6	3	2	4	3	2	6	2	2	5	15	6	14	17	8	6	13
390-458	VII. DISEASES OF THE CIRCULATORY SYSTEM	T 17,431	12	6	2	7	8	5	13	40	70	123	246	481	727	1,121	1,574	2,094	2,643	3,145	3,107
		M 9,458	6	4	2	4	5	3	7	22	51	89	189	364	526	801	1,103	1,301	1,478	1,516	1,988
		F 7,973	7	2	-	3	3	2	6	18	19	34	57	117	201	320	476	793	1,165	1,629	1,119
390-398, 402,404, 410-429	Diseases of the Heart	T 12,369	7	6	1	3	6	4	10	28	51	105	205	404	626	939	1,259	1,568	1,899	2,101	1,143
		M 7,201	4	4	1	-	4	2	6	21	38	80	168	321	472	705	909	1,001	1,104	1,064	1,298
		F 5,164	3	2	-	3	2	2	4	8	13	25	37	83	154	234	350	567	795	1,037	1,845
390-398	Acute Rheumatic Fever and Chronic Rheumatic Heart Disease	T 307	2	1	-	-	1	1	-	-	2	4	13	18	22	25	34	48	50	56	27
		M 133	1	1	-	-	-	1	-	-	1	-	8	14	9	9	17	21	15	20	14
		F 174	1	-	-	-	1	-	-	-	1	2	5	4	13	16	17	27	35	36	13
402, 404	Hypertensive Heart and/or Renal Disease	T 140	1	-	-	-	-	-	-	2	-	-	2	3	6	8	14	12	24	29	45
		M 70	-	-	-	-	-	-	-	1	-	-	1	2	4	7	9	5	11	11	19
		F 70	-	-	-	-	-	-	-	1	-	-	1	1	2	1	5	7	13	18	26
410-414	Ischemic Heart Disease	T 10,864	-	1	-	-	1	1	3	18	40	92	177	348	552	839	1,111	1,390	1,700	1,832	2,757
		M 6,448	-	1	-	-	1	1	4	14	33	72	134	278	431	644	809	904	1,013	940	1,149
		F 4,416	-	-	-	-	-	-	1	4	7	20	43	70	121	195	302	486	687	892	1,608
410	Acute Myocardial Infarction	T 3,269	-	-	-	-	1	-	1	10	22	58	114	209	339	505	655	798	844	837	853
		M 1,367	-	-	-	-	1	-	1	8	18	47	99	173	292	378	477	526	503	471	371
		F 1,899	-	-	-	-	-	-	-	2	4	11	15	36	47	127	178	272	341	366	482
411	Other Acute and Subacute Forms	T 68	-	1	-	-	-	-	-	-	1	1	2	2	-	4	5	12	11	13	13
		M 45	-	1	-	-	-	-	-	-	1	1	2	2	-	3	4	10	7	4	8
		F 23	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4	9	5
412	Chronic Ischemic Heart Disease	T 3,528	-	-	-	-	-	1	4	8	17	33	61	137	192	327	451	580	845	981	1,891
		M 3,036	-	-	-	-	-	1	3	6	14	24	51	103	139	261	328	368	503	463	770
		F 2,492	-	-	-	-	-	-	1	2	3	9	8	34	53	66	123	212	342	518	1,121
413	Angina Pectoris	T 2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
		M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F 2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
414	Asymptomatic Ischemic Heart Disease	T -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
420-429	Other Forms of Heart Disease	T 1,049	5	4	1	1	4	2	5	8	9	9	13	15	46	64	100	118	125	184	314
		M 550	3	2	1	-	3	-	2	5	4	6	5	27	28	43	74	71	63	93	116
		F 499	2	2	-	1	1	2	3	3	5	3	8	8	18	19	26	47	60	91	198
400, 401, 403	Hypertensive Disease (Without Mention of Heart Disease)	T 83	-	-	-	-	-	-	-	-	-	1	1	-	1	5	3	8	8	22	32
		M 43	-	-	-	-	-	-	-	-	-	1	1	-	1	4	1	5	5	9	14
		F 40	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	3	13	18
430-438	Cerebrovascular Disease	T 3,586	3	-	1	2	2	1	4	9	13	12	28	51	67	124	217	358	545	773	1,376
		M 1,507	1	-	1	2	1	1	2	4	11	5	13	25	34	55	124	195	264	324	448
		F 2,079	2	-	-	-	1	-	3	7	2	7	15	26	33	69	93	163	281	449	928
431	Cerebral Hemorrhage	T 374	2	-	1	1	-	-	-	2	1	3	10	7	21	31	36	50	68	59	80
		M 167	1	-	1	1	-	-	-	1	1	2	3	4	9	12	23	26	32	26	23
		F 207	1	-	-	-	-	-	-	1	-	1	7	3	12	19	13	24	36	33	57
433	Cerebral Thrombosis	T 678	-	-	-	-	-	-	-	-	-	1	1	4	6	21	35	72	106	154	278
		M 276	-	-	-	-	-	-	-	-	-	-	-	2	1	7	20	44	55	57	88
		F 402	-	-	-	-	-	-	-	-	-	1	1	2	5	14	15	28	51	97	190
434	Cerebral Embolism	T 11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	6
		M 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
		F 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	4
440-448	Diseases of the Arteries, Arterioles, and Capillaries	T 1,128	1	-	-	2	-	-	-	2	4	3	7	15	20	35	70	123	146	211	489
		M 560	-	-	-	2	-	-	-	-	1	1	3	11	12	26	52	79	83	98	192
		F 568	1	-	-	-	-	-	-	2	3	2	4	4	8	9	18	44	63	113	297

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1978

	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
440	Arteriosclerosis	T	628	-	-	-	-	-	-	-	-	-	-	1	1	3	6	15	42	61	128	371
		M	265	-	-	-	-	-	-	-	-	-	-	-	1	2	4	8	26	26	50	148
		F	363	-	-	-	-	-	-	-	-	-	-	1	-	1	2	7	16	35	78	223
450-458	Diseases of Veins and Lymphatics and Other Diseases of Circulatory System	T	269	1	-	-	-	-	-	1	1	2	2	5	11	13	18	28	37	45	38	67
		M	147	-	-	-	-	-	-	-	-	1	2	4	7	7	11	15	21	22	21	36
		F	122	1	-	-	-	-	-	1	1	1	-	1	4	6	7	13	16	23	17	31
450	Pulmonary Embolism and Infarction	T	199	-	-	-	-	-	-	1	-	2	1	3	9	10	16	24	26	36	20	51
		M	116	-	-	-	-	-	-	-	-	1	1	2	5	7	9	15	15	19	14	28
		F	83	-	-	-	-	-	-	1	-	1	-	1	4	3	7	9	11	17	6	23
451	Phlebitis and Thrombophlebitis	T	30	-	-	-	-	-	-	-	-	-	-	1	1	2	1	3	4	4	7	7
		M	10	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	2	1	3	1
		F	20	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	2	3	4	6
460-519	VIII. DISEASES OF THE RESPIRATORY SYSTEM	T	2,403	24	6	3	2	1	7	4	10	11	19	23	35	76	117	199	275	375	421	795
		M	1,449	14	4	1	1	-	3	3	6	7	15	12	22	48	95	145	192	239	252	390
		F	954	10	2	2	1	1	4	1	4	4	4	11	13	28	22	54	83	136	169	405
466	Acute Bronchitis and Bronchiolitis	T	6	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	2	2
		M	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
470-474 480-486	Influenza and Pneumonia	T	1,380	16	3	1	1	-	2	2	5	6	9	10	13	24	23	62	109	196	263	635
		M	721	9	1	-	-	-	1	2	3	4	8	7	9	13	19	42	65	112	130	296
		F	659	7	2	1	1	-	1	-	2	2	1	3	4	11	4	20	44	84	133	339
470-474	Influenza	T	104	-	-	-	1	-	-	-	-	-	-	-	1	3	2	5	5	18	16	53
		M	37	-	-	-	-	-	-	-	-	-	-	-	1	1	-	4	3	8	6	14
		F	67	-	-	-	1	-	-	-	-	-	-	-	-	2	2	1	2	10	10	39
480-486	Pneumonia	T	1,276	16	3	1	-	-	2	2	5	6	9	10	12	21	21	57	104	178	247	582
		M	684	9	1	-	-	-	1	2	3	4	8	7	8	12	19	38	62	104	124	282
		F	592	7	2	1	-	-	1	-	2	2	1	3	4	9	2	19	42	74	123	300
490-491	Bronchitis, Chronic and Unspecified	T	79	-	1	1	-	-	-	-	1	-	-	1	-	6	5	4	12	9	19	20
		M	44	-	1	-	-	-	-	-	1	-	-	-	-	2	5	-	5	6	13	11
		F	35	-	-	1	-	-	-	-	-	-	-	1	-	4	-	4	7	3	6	9
492	Emphysema	T	264	-	-	-	-	-	1	-	1	-	2	2	5	17	25	42	50	58	41	20
		M	215	-	-	-	-	-	-	-	1	-	2	2	3	12	20	34	39	50	35	17
		F	49	-	-	-	-	-	1	-	-	-	-	-	2	5	5	8	11	8	6	3
493	Asthma	T	36	-	-	-	1	-	1	-	1	-	1	1	1	1	1	2	6	3	2	7
		M	17	-	-	-	1	-	-	-	-	-	-	-	-	1	5	2	2	1	2	3
		F	19	-	-	-	-	-	1	-	1	-	1	1	1	-	4	-	4	2	-	4
Re-sid-ual		T	638	8	2	1	-	1	3	2	2	5	6	9	16	28	55	89	97	109	94	111
		M	449	5	2	1	-	-	2	1	1	3	4	3	10	20	46	67	81	70	71	62
		F	189	3	-	-	-	1	1	1	1	2	2	6	6	8	9	22	16	39	23	49
520-577	IX. DISEASES OF THE DIGESTIVE SYSTEM	T	989	11	2	1	1	1	5	5	8	19	32	48	61	99	93	107	115	103	111	163
		M	572	7	1	1	1	1	3	3	4	12	21	34	44	67	72	74	67	52	50	56
		F	417	4	1	-	-	-	2	-	4	7	11	14	17	32	23	33	48	51	61	109
531-533	Peptic Ulcer	T	106	-	-	-	-	1	-	-	-	1	-	3	1	7	7	15	7	19	21	24
		M	65	-	-	-	-	1	-	-	-	1	-	2	1	5	6	12	4	11	12	10
		F	41	-	-	-	-	-	-	-	-	-	-	1	-	2	1	3	3	8	9	14
540-543	Appendicitis	T	15	-	-	1	-	-	1	-	-	-	-	1	-	3	1	-	3	2	1	2
		M	9	-	-	1	-	-	1	-	-	-	-	-	-	1	1	-	2	-	1	2
		F	6	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	2	-	-
550-553, 560	Hernia and Other Obstruction	T	94	10	1	-	-	-	-	1	-	-	1	1	2	3	8	6	5	12	12	32
		M	37	6	1	-	-	-	-	1	-	-	1	1	1	2	3	2	3	6	2	8
		F	57	4	-	-	-	-	-	-	-	-	-	-	1	1	5	4	2	6	10	24
571	Cirrhosis of the Liver	T	367	-	1	-	-	-	3	1	5	14	23	31	42	70	51	53	40	18	7	8
		M	261	-	-	-	-	-	1	1	2	9	14	25	30	49	43	37	27	13	4	4
		F	106	-	1	-	-	-	2	-	3	5	9	6	12	21	8	16	11	5	3	4
574-575	Cholelithiasis, Cholecystitis and Cholangitis	T	63	1	-	-	-	-	-	-	-	-	-	1	1	-	2	6	6	12	14	20
		M	26	1	-	-	-	-	-	-	-	-	-	-	1	-	1	6	2	5	6	4
		F	37	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	4	7	8	16
Re-sid-ual		T	344	-	-	-	1	-	1	3	3	4	8	11	15	16	26	27	54	40	56	79
		M	174	-	-	-	1	-	1	3	2	2	6	6	11	10	18	17	27	17	25	28
		F	170	-	-	-	-	-	-	-	1	2	2	5	4	6	8	10	27	23	31	51
580-629	X. DISEASES OF THE GENITOURINARY SYSTEM	T	357	1	-	1	-	-	1	-	2	4	3	3	5	14	9	17	39	47	88	123
		M	197	-	-	-	-	-	1	-	1	3	1	1	5	8	6	12	29	29	45	56
		F	160	1	-	1	-	-	-	-	1	1	2	2	-	6	3	5	10	18	43	67
580-584	Nephritis and Nephrosis	T	97	-	-	-	-	-	-	-	-	1	1	2	1	6	6	5	15	11	22	27
		M	49	-	-	-	-	-	-	-	-	1	-	-	1	4	4	2	10	7	9	11
		F	48	-	-	-	-	-	-	-	-	-	1	2	-	2	2	3	5	4	13	16
590	Infection of the Kidney	T	33	-	-	-	-	-	-	-	-	1	-	-	1	2	-	2	2	6	5	14
		M	14	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	1	1	3	6
		F	19	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	5	2	8
600	Hyperplasia of the Prostate	T	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	4	8
		M	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	4	8
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Re-sid-ual		T	209	1	-	1	-	-	1	-	2	2	2	1	3	6	3	9	20	37	57	74
		M	116	-	-	-	-	-	1	-	1	1	1	1	3	4	2	8	16	18	29	31
		F	93	1	-	1	-	-	-	-	1	1	1	-	-	2	1	1	4	9	28	43

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1978

Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
630-678 XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	T	6	-	-	-	-	-	1	2	1	1	1	-	-	-	-	-	-	-	-	-
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	6	-	-	-	-	-	1	2	1	1	1	-	-	-	-	-	-	-	-	-
630-634 Complications of Pregnancy	T	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
640-645 Abortion	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Re-classified	T	6	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	6	-	-	-	-	-	1	1	1	1	1	-	-	-	-	-	-	-	-	-
680-709 XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	T	22	-	-	-	-	-	-	1	-	-	-	2	-	1	2	1	2	5	2	6
	M	11	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	1	1	4
	F	11	-	-	-	-	-	-	1	-	-	-	1	-	1	-	1	2	4	1	2
710-738 XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	T	114	-	-	1	1	-	2	1	1	2	5	4	4	7	9	9	9	12	17	12
	M	40	-	-	-	-	-	1	-	-	1	1	-	2	1	6	2	3	5	6	10
	F	74	-	-	-	1	-	1	1	1	1	4	4	2	6	3	7	6	7	11	22
740-759 XIV. CONGENITAL ANOMALIES	T	229	152	22	5	4	7	7	4	2	1	1	3	2	-	3	4	1	3	4	2
	M	124	85	12	3	1	5	4	2	2	1	1	-	1	-	-	2	2	1	2	-
	F	105	67	10	2	3	2	3	2	-	-	-	3	1	-	3	2	4	2	2	2
760-778 XV. CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY	T	361*	361*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	217	217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	143	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
760-771 Maternal Conditions	T	98	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	56	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	42	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
772 Birth Injury	T	42	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
774-775 Hemolytic Disease	T	8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
776 Anoxic and Hypoxic Conditions Not Elsewhere Classified	T	143	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	90	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	53	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
777 Immaturity, Unqualified	T	55*	55*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	30	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	24	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Re-classified	T	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	M	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
780-796 XVI. SYMPTOMS AND ILL-DEFINED CONDITIONS	T	479	102	3	3	1	2	1	5	6	8	5	7	11	12	21	41	62	44	54	94
	M	262	63	2	1	1	2	-	5	4	4	2	4	9	13	12	23	36	23	21	45
	F	217	44	1	2	-	-	1	-	2	4	3	3	2	9	9	18	26	21	33	49
E800-E999 XVII. ACCIDENTS, POISONINGS, AND VIOLENCE	T	2,503	17	69	30	81	333	342	264	192	113	96	99	116	91	110	98	117	108	98	163
	M	1,761	9	33	21	49	249	268	213	119	87	71	64	84	62	78	66	76	58	59	75
	F	742	8	36	9	32	84	74	51	73	26	25	35	32	29	32	32	41	50	39	88
E800-E949 Accidents - Total	T	1,932	14	65	29	63	286	276	184	91	79	61	62	83	58	62	82	87	90	92	136
	M	1,148	7	33	21	41	211	203	150	77	64	49	41	64	42	54	54	62	54	53	68
	F	784	7	32	8	22	75	73	34	14	15	12	21	19	16	28	28	25	36	39	68
E810-E823 Motor Vehicle Accidents	T	1,005	2	24	14	32	216	191	134	57	48	29	38	48	30	29	23	30	29	19	17
	M	723	-	14	8	19	132	131	106	48	35	24	32	40	19	17	14	21	19	17	8
	F	282	2	10	6	13	84	60	28	9	13	5	6	8	11	12	9	9	10	2	9
Re-classified Other Accidents	T	927	12	41	16	31	70	85	50	34	31	32	24	43	28	33	59	57	67	74	119
	M	425	7	19	13	22	79	72	44	29	29	25	19	24	23	37	39	41	35	36	60
	F	502	5	22	3	9	11	13	6	5	2	7	5	19	5	16	18	20	22	38	59
E950-E959 Suicide and Self-Inflicted Injury	T	402	-	-	-	4	30	61	52	41	26	22	27	23	28	23	12	12	4	6	4
	M	305	-	-	-	3	25	50	43	27	18	15	17	14	23	17	9	12	3	6	3
	F	102	-	-	-	1	5	11	9	14	8	7	10	9	5	6	3	-	1	-	1
E960-E969 Homicide and Injury Purposely Inflicted by Other Persons	T	67	1	3	1	9	10	14	16	10	4	8	2	3	2	4	1	2	1	-	-
	M	39	1	1	-	5	8	8	12	8	3	3	1	3	1	3	1	1	1	-	-
	F	28	-	1	1	4	2	6	4	2	1	5	1	-	1	1	-	1	-	-	-
E970 Legal Intervention	T	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
E978	M	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E980-E989 Injury Undetermined whether Accidentally or Purposely Inflicted	T	74	-	2	-	1	7	9	12	3	4	6	8	5	1	1	2	1	2	-	2
	M	46	-	1	-	-	5	6	8	6	3	5	5	3	1	1	1	-	1	-	1
	F	28	-	1	-	1	2	3	4	1	1	1	3	2	2	2	1	1	1	-	1
E990-E999 Injury Resulting from Operations of War	T	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
	M	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Includes sex unknown

DEATHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE: RESIDENT DEATHS DISTRIBUTED ACCORDING TO PLACE OF DEATH
MINNESOTA, 1978

County	Deaths Occurring in County				Resident Deaths		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside County Outside Minnesota	Total
State Total	34,003	25,973	6,114	1,916	6,114	1,225	33,312
Aitkin	125	99	24	2	57	3	159
Anoka	700	433	256	11	242	8	683
Becker	258	196	50	12	41	52	289
Beltrami	249	187	54	8	26	14	227
Benton	102	83	19	-	121	4	208
Big Stone	126	81	22	23	20	6	107
Blue Earth	493	360	126	7	45	9	414
Brown	307	217	88	2	49	1	267
Carlton	265	194	66	5	42	2	238
Carver	208	128	77	3	94	1	223
Cass	161	113	25	23	135	14	262
Chippewa	146	117	26	3	63	5	185
Chisago	225	164	53	8	49	21	234
Clay	229	174	24	31	35	118	327
Clearwater	85	76	7	2	23	9	108
Cook	30	23	5	2	3	3	29
Cottonwood	154	136	18	-	32	3	171
Crow Wing	403	320	73	10	73	17	410
Dakota	575	458	96	21	381	17	856
Dodge	67	52	14	1	65	1	118
Douglas	245	191	48	6	33	6	230
Faribault	210	183	12	15	57	8	248
Fillmore	182	149	26	7	92	23	264
Freeborn	338	282	38	18	48	10	340
Goodhue	380	297	49	34	74	6	377
Grant	73	58	13	2	32	5	95
Hennepin	8,615	6,716	1,478	421	597	161	7,474
Minneapolis	4,777	3,041	1,483	253	1,265	75	4,381
Houston	129	100	20	9	12	60	172
Hubbard	152	106	41	5	21	11	138
Isanti	200	149	50	1	48	10	207
Itasca	374	292	74	8	80	9	381
Jackson	132	118	9	5	25	15	158
Kanabec	119	88	27	4	44	4	136
Kandiyohi	374	266	108	-	40	3	309
Kittson	75	64	8	3	9	8	81
Koochiching	126	116	8	2	44	4	164
Lac Qui Parle	106	89	11	6	36	4	129
Lake	101	80	15	6	18	1	99
Lake of the Woods	53	38	12	3	8	5	51
Le Sueur	149	130	17	2	128	1	259
Lincoln	112	78	23	11	16	5	99
Lyon	206	167	34	5	44	11	222
McLeod	261	205	54	2	43	3	251
Mahnomen	47	40	5	2	5	9	54

DEATHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE: RESIDENT DEATHS DISTRIBUTED ACCORDING TO PLACE OF DEATH, MINNESOTA, 1978-CONT.

County	Deaths Occurring in County				Resident Deaths		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside County Outside Minnesota	Total
Marshall	81	72	8	1	48	12	132
Martin	239	201	14	24	30	10	241
Meeker	216	177	36	3	54	2	233
Mille Lacs	202	142	58	2	46	1	189
Morrison	259	223	33	3	70	4	297
Mower	344	306	31	7	88	12	406
Murray	101	84	16	1	26	12	122
Nicollet	139	100	36	3	75	3	178
Nobles	208	170	26	12	27	18	215
Norman	114	96	12	6	20	15	131
Olmsted	1,498	509	467	522	35	15	559
Otter Tail	423	370	45	8	82	45	497
Pennington	178	125	50	3	14	6	145
Pine	130	115	13	2	105	6	226
Pipestone	137	123	10	4	13	20	156
Polk	350	285	42	23	40	83	408
Pope	125	98	24	3	34	3	135
Ramsey	4,116	3,294	694	128	480	77	3,851
St. Paul	3,605	2,458	1,029	118	422	55	2,935
Red Lake	40	35	4	1	21	-	56
Redwood	157	122	35	-	63	5	190
Renville	142	122	17	3	92	2	216
Rice	423	339	82	2	54	2	395
Rock	95	75	8	12	11	12	98
Roseau	114	98	10	6	15	12	125
St. Louis	2,443	2,097	170	176	158	34	2,289
Duluth	1,308	941	216	151	115	28	1,084
Scott	323	194	123	6	79	2	275
Sherburne	146	102	41	3	103	3	208
Sibley	95	89	6	-	63	-	152
Stearns	927	581	326	20	110	6	697
Steele	227	202	21	4	48	5	255
Stevens	109	89	19	1	27	2	118
Swift	127	115	12	-	45	-	160
Todd	149	127	21	1	96	3	226
Traverse	53	35	4	14	19	14	68
Wabasha	202	145	19	38	69	4	218
Wadena	188	112	75	1	21	12	145
Waseca	110	100	9	1	47	2	149
Washington	329	258	51	20	242	18	518
Watonwan	129	108	20	1	54	-	162
Wilkin	135	61	3	71	5	17	83
Winona	399	341	33	25	48	26	415
Wright	256	208	46	2	158	4	370
Yellow Medicine	158	115	41	2	28	6	149
Unkown	-	-	-	-	1	-	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*
MINNESOTA, 1978

		State	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth	Brown	Carlton	Carver
DEATHS - Total		33,312†	159	683	289	227	208	107	414	267	238	223
Rate:	Age & sex adjusted	8.3	7.5	7.7	8.7	7.7	9.6	9.6	8.6	7.3	7.5	7.5
Rate:	Sex adjusted-age specific											
	Under 5 years	3.1	3.5	3.2	3.1	3.4	4.0	3.8	3.6	2.4	2.3	3.1
	5-14 years	0.3	0.5	0.4	0.6	0.7	0.9	0.9	0.5	0.2	-	0.1
	15-24 years	1.0	0.7	0.9	2.0	1.6	1.5	2.6	1.0	0.8	1.4	1.1
	25-44 years	1.3	3.3	0.8	2.5	1.5	1.2	2.7	0.9	0.8	1.0	0.9
	45-64 years	7.5	7.7	5.6	8.3	8.1	9.5	6.2	9.7	5.8	5.4	5.6
	65 years and over	52.2	40.7	51.5	49.3	43.9	58.3	58.7	51.4	48.7	49.5	49.6
Sex:	Male	18,532	99	375	185	133	122	62	225	144	135	139
	Female	14,779	60	308	104	94	86	45	189	123	103	84
Race:	White	32,729	159	679	268	196	208	107	413	267	235	223
	Black	325	-	1	-	-	-	-	-	-	-	-
	Indian	206	-	2	20	31	-	-	-	-	3	-
	Other & unknown	52	-	1	1	-	-	-	1	-	-	-
ICDA**	CAUSE OF DEATH											
000-136	Infective-parasitic	233	2	10	5	1	2	-	2	3	-	2
010-019	Tuberculosis	19	-	-	-	-	-	-	-	-	-	-
140-209	Neoplasms-malignant	6,834	24	141	54	52	35	26	92	57	37	41
150-159	Digestive	1,924	9	32	18	15	7	8	36	21	11	16
160-163	Respiratory	1,393	5	37	11	13	5	4	17	7	9	9
174	Breast	670	2	8	1	6	4	3	10	3	2	4
180-187	Genital	845	3	19	7	9	9	3	10	6	4	7
188-189	Urinary	343	1	6	3	1	-	2	4	5	5	1
204-207	Leukemia	326	-	4	1	2	2	4	1	6	1	1
250	Diabetes mellitus	489	3	6	5	1	-	3	8	3	3	4
390-448	Major cardiovascular	17,162	94	298	141	108	118	55	215	142	138	110
390-398	Rheumatic	307	-	3	3	6	-	1	3	3	1	2
402,404	Hypertensive heart	145	1	-	-	2	2	-	3	1	-	-
410-414	Ischemic heart	10,864	59	201	107	61	79	37	150	80	89	67
420-429	Other heart	1,049	4	19	4	5	2	3	7	13	12	10
400-401, & 403	Hypertension	83	-	-	-	1	-	3	1	-	1	-
430-438	Cerebrovascular	3,586	21	58	21	27	24	7	38	36	25	25
440	Arteriosclerosis	628	5	8	3	3	4	1	8	9	6	3
460-519	Respiratory	2,403	13	53	33	14	12	5	23	20	14	19
470-474	Influenza	104	1	1	1	-	-	-	-	2	1	2
480-486	Pneumonia	1,276	6	30	20	9	6	2	11	13	7	12
490-491	Bronchitis	79	-	2	1	1	-	-	1	-	-	1
492	Emphysema	264	2	3	1	-	2	1	3	4	1	2
493	Asthma	36	-	-	1	-	1	1	-	-	-	-
531-533	Peptic ulcer	106	1	1	3	-	2	-	1	1	1	1
550-553, & 560	Hernia & intestinal obstruction	94	1	5	-	-	1	1	1	2	2	-
571	Cirrhosis of liver	367	3	11	1	4	1	-	5	-	7	4
580-584	Nephritis & nephrosis	97	1	2	1	-	-	1	1	1	1	-
590	Kidney infection	33	-	-	1	1	-	-	2	-	-	2
630-678	Pregnancy, childbirth & puerperium	6	-	-	1	-	-	-	-	-	-	-
740-759	Congenital anomalies	229	1	11	1	1	5	-	1	2	-	1
760-778	Infant mortality	360	-	20	4	3	1	-	6	1	3	3
780-796	Ill-defined	479	2	10	-	3	1	1	4	1	1	4
Residual	Other diseases	1,917	6	29	13	13	8	8	22	14	14	11
E800-949	Accidents	1,932	5	64	23	21	20	7	23	19	13	17
E810-823	Motor vehicle	1,005	3	35	12	14	14	5	13	8	9	11
E880-887	Accidental falls	331	-	6	3	5	2	-	3	6	-	1
E950-959	Suicide	407	2	15	2	3	1	-	8	1	4	3
E960-978	Homicide	87	-	3	1	2	-	-	-	-	-	-
E980-999	Other violent deaths	77	1	4	-	-	1	-	-	-	-	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

		Cass	Chippewa	Chisago	Clay	Clear-water	Cook	Cotton-wood	Crow Wing	Dakota	Dodge	Douglas
DEATHS - Total		262	185	234	327	108	29	171	410	856	118	230
Rate:	Age & sex adjusted	9.3	8.9	9.6	7.9	8.6	6.0	8.2	8.4	7.8	7.5	6.8
Rate:	Sex adjusted-age specific											
	Under 5 years	4.6	2.4	1.0	3.2	-	-	5.1	4.0	2.8	1.0	2.2
	5-14 years	-	-	0.4	0.6	-	-	2.1	0.3	0.2	-	0.3
	15-24 years	1.9	0.7	0.9	0.7	0.5	-	1.0	2.2	0.8	1.0	1.3
	25-44 years	5.4	2.9	2.5	0.9	3.1	-	2.0	2.5	1.1	1.6	0.8
	45-64 years	9.4	7.1	8.9	8.0	6.5	4.8	6.9	7.6	6.5	6.5	4.9
	65 years and over	46.4	55.8	59.8	48.5	55.8	44.2	46.9	47.4	50.6	48.1	44.7
Sex:	Male	167	109	127	201	68	16	87	259	521	58	134
	Female	95	76	107	126	40	13	84	151	335	60	96
Race:	White	239	185	233	324	107	25	171	410	850	118	230
	Black	1	-	-	1	1	-	-	-	2	-	-
	Indian	22	-	1	1	-	4	-	-	-	-	-
	Other & unknown	-	-	-	1	-	-	-	-	4	-	-
ICDA**	CAUSE OF DEATH											
000-136	Infective-parasitic	2	4	1	2	1	-	1	2	9	-	1
010-019	Tuberculosis	-	2	-	-	-	-	-	-	1	-	-
140-209	Neoplasms-malignant	42	37	47	84	15	10	37	80	184	24	45
150-159	Digestive	7	13	14	22	7	2	9	23	61	9	14
160-163	Respiratory	10	5	7	14	2	4	4	24	37	3	3
174	Breast	2	3	7	6	1	1	5	4	20	2	5
180-187	Genital	8	1	7	11	-	-	5	11	16	4	8
188-189	Urinary	1	1	6	3	2	-	2	3	8	-	5
204-207	Leukemia	2	4	1	4	-	3	3	2	9	2	1
250	Diabetes mellitus	2	1	5	2	4	-	5	5	25	3	-
390-448	Major cardiovascular	148	96	125	142	62	12	80	206	411	59	123
390-398	Rheumatic	2	-	-	4	-	-	-	3	8	-	3
402,404	Hypertensive heart	1	1	-	-	2	-	1	1	3	1	3
410-414	Ischemic heart	91	60	79	98	41	4	54	136	284	30	71
420-429	Other heart	21	7	7	5	1	1	5	15	25	9	5
400-401, & 403	Hypertension	-	-	-	-	-	-	-	-	1	-	-
430-438	Cerebrovascular	26	23	31	33	15	7	13	44	68	13	29
440	Arteriosclerosis	4	4	3	-	2	-	6	3	13	1	8
460-519	Respiratory	21	15	11	35	11	3	14	35	49	15	23
470-474	Influenza	1	2	1	2	-	2	-	1	-	-	3
480-486	Pneumonia	10	5	7	17	4	-	5	14	27	9	13
490-491	Bronchitis	1	-	-	-	2	-	3	-	2	1	1
492	Emphysema	2	3	-	2	1	-	3	4	11	-	2
493	Asthma	-	-	-	-	-	-	1	-	-	-	1
531-533	Peptic ulcer	-	-	1	1	-	-	2	-	2	-	1
550-553, & 560	Hernia & intestinal obstruction	1	1	2	1	-	-	1	1	6	-	-
571	Cirrhosis of liver	2	2	1	2	3	-	-	4	15	1	-
580-584	Nephritis & nephrosis	1	-	-	1	1	-	2	3	1	-	-
590	Kidney infection	-	-	1	-	-	-	-	-	1	-	-
630-678	Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-	-
740-759	Congenital anomalies	3	1	-	2	-	-	1	1	13	-	-
760-778	Infant mortality	1	1	2	6	-	-	3	6	22	1	2
780-796	Ill-defined	3	2	-	1	1	1	-	2	4	1	3
Residual	Other diseases	7	17	13	18	5	1	11	26	42	7	15
E800-949	Accidents	27	6	20	26	3	2	14	32	51	6	15
E810-823	Motor vehicle	14	4	8	12	1	-	10	24	34	2	10
E880-887	Accidental falls	1	1	4	6	1	-	2	1	6	2	1
E950-959	Suicide	1	2	4	2	2	-	-	7	18	1	-
E960-978	Homicide	-	-	1	1	-	-	-	-	-	-	2
E980-999	Other violent deaths	1	-	-	1	-	-	-	-	3	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Fari-bault	Fill-more	Free-born	Good-hue	Grant	Henn-epin	Minn-eapolis	Houston	Hubbard	Isanti
DEATHS - Total	248	264	340	377	95	7,474	4,381	172	138	207
Rate: Age & sex adjusted	8.8	8.7	7.6	8.1	8.6	8.6	12.2	7.8	7.7	9.9
Rate: Sex adjusted-age specific										
Under 5 years	2.7	3.0	2.0	3.7	5.9	3.2	3.5	1.7	2.0	2.2
5-14 years	-	-	0.4	-	-	0.2	0.2	-	0.6	0.2
15-24 years	2.0	1.5	0.7	1.2	0.8	0.9	1.1	1.3	0.8	2.1
25-44 years	1.2	1.1	0.8	2.0	2.7	1.3	1.5	1.7	2.9	1.4
45-64 years	7.8	6.8	7.0	6.3	7.1	8.6	11.2	5.4	6.4	6.4
65 years and over	55.1	56.9	49.4	51.0	51.4	53.4	79.1	51.3	46.5	66.3
Sex: Male	136	143	200	209	57	3,888	2,212	107	86	121
Female	112	121	140	168	38	3,586	2,169	65	52	86
Race: White	248	264	340	375	95	7,218	4,142	172	136	206
Black	-	-	-	2	-	188	180	-	1	-
Indian	-	-	-	-	-	52	51	-	1	-
Other & unknown	-	-	-	-	-	16	8	-	-	1
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	2	1	2	2	-	61	43	1	1	1
010-019 Tuberculosis	-	-	-	-	-	6	6	-	-	1
140-209 Neoplasms-malignant	41	37	63	80	24	1,605	912	34	32	36
150-159 Digestive	11	11	13	30	5	417	248	5	5	10
160-163 Respiratory	7	7	17	8	7	379	210	9	9	4
174 Breast	4	6	2	9	3	186	116	3	3	2
180-187 Genital	6	7	11	7	5	166	92	4	4	4
188-189 Urinary	1	-	7	6	-	78	43	3	3	7
204-207 Leukemia	2	1	3	3	2	68	40	3	2	2
250 Diabetes mellitus	5	1	4	5	-	96	45	4	-	2
390-448 Major cardiovascular	140	161	185	195	50	3,598	2,115	93	75	116
390-398 Rheumatic	2	1	3	3	-	81	56	3	3	-
402,404 Hypertensive heart	2	-	2	-	1	32	20	2	2	-
410-414 Ischemic heart	97	100	103	129	34	2,209	1,286	58	34	58
420-429 Other heart	2	6	23	7	4	171	113	7	12	9
400-401, & 403 Hypertension	1	-	-	-	-	20	12	-	-	-
430-438 Cerebrovascular	30	47	49	39	8	813	475	22	19	47
440 Arteriosclerosis	3	6	3	8	-	153	86	-	1	2
460-519 Respiratory	25	17	28	28	6	534	338	12	9	14
470-474 Influenza	2	-	-	-	-	16	7	-	1	-
480-486 Pneumonia	14	9	12	22	2	292	193	7	6	10
490-491 Bronchitis	1	1	2	-	-	11	7	-	-	1
492 Emphysema	5	3	4	-	1	63	35	1	1	2
493 Asthma	-	-	1	-	-	4	1	-	-	-
531-533 Peptic ulcer	-	-	-	2	-	26	15	-	2	-
550-553, & 560 Hernia & intestinal obstruction	-	-	-	2	-	20	11	-	-	-
571 Cirrhosis of liver	2	1	2	5	-	101	68	-	-	1
580-584 Nephritis & nephrosis	1	1	-	-	1	20	14	-	-	-
590 Kidney infection	-	-	-	2	-	6	4	2	-	-
630-678 Pregnancy, childbirth & puerperium	-	-	-	-	-	2	2	-	-	-
740-759 Congenital anomalies	-	2	2	1	-	51	21	1	1	1
760-778 Infant mortality	2	1	2	5	3	65	31	-	1	1
780-796 Ill-defined	-	1	11	4	1	212	136	2	1	3
Residual Other diseases	8	20	20	21	6	491	298	10	7	10
E800-949 Accidents	19	20	20	22	4	396	227	12	7	20
E810-823 Motor vehicle	11	9	9	13	3	159	81	5	5	14
E880-887 Accidental falls	4	3	5	1	1	118	81	3	1	3
E950-959 Suicide	3	1	1	3	-	123	55	1	1	1
E960-978 Homicide	-	-	-	-	-	36	30	-	-	-
E980-999 Other violent deaths	-	-	-	-	-	31	16	-	1	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Itasca	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching	Lac Qui Parle	Lake	Lake of the Woods	Le Sueur
DEATHS - Total	381	158	136	309	81	164	129	99	51	259
Rate: Age & sex adjusted	8.6	8.7	10.1	7.4	8.3	9.0	7.5	8.1	10.3	9.3
Rate: Sex adjusted-age specific										
Under 5 years	5.3	2.1	5.6	3.3	3.9	6.0	1.0	3.1	5.6	2.0
5-14 years	0.3	-	-	0.2	-	0.3	-	-	1.9	0.8
15-24 years	1.5	0.3	2.6	0.6	-	1.1	1.0	-	-	1.4
25-44 years	2.2	1.6	3.3	1.0	-	2.0	-	0.4	5.1	3.3
45-64 years	8.5	6.8	10.9	7.0	8.0	7.0	9.0	6.6	12.0	7.2
65 years and over	48.9	58.1	53.9	47.0	55.7	55.9	47.0	56.5	51.5	56.2
Sex: Male	215	83	93	180	50	101	72	47	32	151
Female	166	75	43	129	31	63	57	52	19	108
Race: White	374	158	136	309	80	156	129	98	50	259
Black	-	-	-	-	-	-	-	-	-	-
Indian	6	-	-	-	-	5	-	-	-	-
Other & unknown	1	-	-	-	1	3	-	1	1	-
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	2	2	1	1	-	2	-	-	-	2
010-019 Tuberculosis	-	-	-	-	-	-	-	-	-	-
140-209 Neoplasms-malignant	72	32	16	51	14	24	27	18	13	55
150-159 Digestive	21	6	4	7	5	5	14	7	4	17
160-163 Respiratory	16	3	4	6	2	4	1	4	6	14
174 Breast	6	7	3	11	2	5	2	2	1	3
180-187 Genital	10	7	1	7	2	5	5	3	1	7
188-189 Urinary	2	2	1	2	-	1	2	1	1	2
204-207 Leukemia	2	1	-	4	2	-	-	1	-	4
250 Diabetes mellitus	8	4	1	5	4	3	2	3	2	7
390-448 Major cardiovascular	189	83	80	171	37	89	74	59	22	137
390-398 Rheumatic	4	-	2	3	-	-	2	2	-	-
402,404 Hypertensive heart	1	1	-	-	-	-	-	1	-	3
410-414 Ischemic heart	133	54	52	116	25	67	48	37	15	94
420-429 Other heart	10	5	7	5	2	2	2	3	-	9
400-401, & 403 Hypertension	-	-	-	1	-	-	-	1	-	-
430-438 Cerebrovascular	37	17	18	38	9	16	16	12	3	24
440 Arteriosclerosis	3	4	1	6	1	-	3	1	3	3
460-519 Respiratory	32	13	13	24	10	10	4	9	3	16
470-474 Influenza	1	-	1	1	-	-	-	-	-	-
480-486 Pneumonia	17	5	4	10	10	3	4	7	1	12
490-491 Bronchitis	-	1	1	3	-	-	-	-	-	-
492 Emphysema	5	2	-	5	-	1	-	-	-	2
493 Asthma	-	-	1	1	-	-	-	1	-	-
531-533 Peptic ulcer	1	-	-	3	-	1	-	-	-	-
550-553, & 560 Hernia & intestinal obstruction	-	1	-	1	1	-	-	-	-	1
571 Cirrhosis of liver	7	-	-	6	1	3	1	-	1	5
580-584 Nephritis & nephrosis	-	-	1	2	1	-	1	-	-	-
590 Kidney infection	-	-	-	-	-	-	1	-	-	-
630-678 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759 Congenital anomalies	2	2	1	1	-	3	-	-	-	-
760-778 Infant mortality	10	-	4	5	1	3	1	1	1	-
780-796 Ill-defined	3	-	1	3	1	3	-	2	-	1
Residual Other diseases	19	15	1	18	8	9	10	4	4	17
E800-949 Accidents	34	6	13	14	1	12	7	1	5	13
E810-823 Motor vehicle	23	3	9	8	-	6	2	-	1	7
E880-887 Accidental falls	5	1	-	1	-	2	4	-	-	2
E950-959 Suicide	2	-	3	4	2	2	1	2	-	5
E960-978 Homicide	-	-	1	-	-	-	-	-	-	-
E980-999 Other violent deaths	-	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Lincoln	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker	Mille Lacs	Morrison	Mower
DEATHS - Total	99	222	251	54	132	241	233	189	297	406
Rate: Age & sex adjusted	8.8	8.4	7.5	8.3	8.2	7.1	9.0	8.0	9.1	8.2
Rate: Sex adjusted-age specific										
Under 5 years	1.4	3.7	2.2	3.5	0.8	4.6	1.2	4.1	2.4	3.2
5-14 years	4.0	0.5	0.4	1.0	0.4	-	-	0.7	0.6	0.1
15-24 years	1.9	0.9	0.7	0.8	2.4	0.6	0.2	0.5	1.3	1.5
25-44 years	3.4	0.8	1.0	4.4	1.8	1.1	1.9	1.8	2.3	1.6
45-64 years	4.5	6.6	7.2	5.6	4.6	5.2	7.6	7.9	9.4	5.4
65 years and over	51.0	54.9	46.9	47.7	53.6	46.5	59.3	47.2	53.7	53.7
Sex: Male	50	118	142	34	82	137	147	112	166	232
Female	49	104	109	20	50	104	86	77	131	174
Race: White	99	222	251	43	132	241	233	183	297	406
Black	-	-	-	-	-	-	-	1	-	-
Indian	-	-	-	11	-	-	-	5	-	-
Other & unknown	-	-	-	-	-	-	-	-	-	-
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	-	2	1	-	4	-	1	-	3	3
010-019 Tuberculosis	-	-	-	-	-	-	-	-	-	-
140-209 Neoplasms-malignant	26	53	37	5	25	58	45	32	56	78
150-159 Digestive	4	12	10	1	7	18	19	7	15	24
160-163 Respiratory	6	7	3	1	6	12	10	6	7	17
174 Breast	5	9	6	1	-	9	-	5	7	6
180-187 Genital	5	7	7	-	2	9	5	7	6	11
188-189 Urinary	1	2	2	-	2	2	4	-	2	1
204-207 Leukemia	1	6	2	-	2	1	1	-	4	5
250 Diabetes mellitus	4	5	5	1	1	7	7	2	1	4
390-448 Major cardiovascular	39	102	144	35	84	124	134	109	168	236
390-398 Rheumatic	-	3	1	-	1	3	3	1	5	2
402,404 Hypertensive heart	1	2	-	1	-	1	2	1	2	-
410-414 Ischemic heart	23	67	80	20	52	82	82	67	107	119
420-429 Other heart	3	2	11	3	2	7	8	6	14	58
400-401, & 403 Hypertension	-	2	-	-	-	1	-	1	-	-
430-438 Cerebrovascular	12	20	33	7	23	24	28	28	30	44
440 Arteriosclerosis	-	4	14	2	2	2	9	2	3	6
460-519 Respiratory	9	21	16	3	3	15	13	17	16	23
470-474 Influenza	-	-	2	-	-	-	2	-	-	-
480-486 Pneumonia	6	14	8	3	-	10	5	12	10	10
490-491 Bronchitis	-	1	-	-	1	1	1	-	-	2
492 Emphysema	-	1	-	-	1	2	2	1	1	1
493 Asthma	2	-	1	-	-	-	-	-	-	1
531-533 Peptic ulcer	-	-	1	-	-	-	1	-	1	2
550-553, & 560 Hernia & intestinal obstruction	-	1	1	-	-	2	-	-	-	1
571 Cirrhosis of liver	2	2	2	-	-	-	3	1	3	2
580-584 Nephritis & nephrosis	-	-	-	-	-	-	1	-	1	1
590 Kidney infection	-	1	-	-	-	-	-	-	2	-
630-678 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	1	-
740-759 Congenital anomalies	-	3	-	-	1	1	2	1	2	1
760-778 Infant mortality	-	3	2	-	-	5	-	-	-	5
780-796 Ill-defined	2	2	2	-	1	3	11	3	2	4
Residual Other diseases	4	12	18	4	-	15	7	9	18	21
E800-949 Accidents	12	14	18	4	13	9	8	15	18	21
E810-823 Motor vehicle	7	9	12	2	10	6	5	6	12	10
E880-887 Accidental falls	1	4	4	1	-	-	1	1	-	3
E950-959 Suicide	1	1	2	1	-	1	-	-	5	4
E960-978 Homicide	-	-	-	1	-	-	-	-	-	-
E980-999 Other violent deaths	-	-	2	-	-	1	-	-	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Murray	Nicollet	Nobles	Norman	Olmsted	Otter Tail	Pennington	Pine	Pipestone	Polk
DEATHS - Total	122	178	215	131	559	497	145	226	156	408
Rate: Age & sex adjusted	8.1	7.3	7.9	9.3	7.3	6.8	8.3	9.3	9.5	9.2
Rate: Sex adjusted-age specific										
Under 5 years	3.1	2.7	1.8	2.8	3.5	2.9	2.3	3.3	1.2	1.8
5-14 years	-	-	0.3	1.4	0.2	0.4	-	0.3	-	0.2
15-24 years	0.4	0.8	1.0	-	1.4	0.7	0.7	0.5	0.8	0.5
25-44 years	1.6	1.2	2.1	4.6	0.9	0.8	1.8	2.7	2.5	1.4
45-64 years	5.6	8.0	6.4	4.0	5.1	4.2	8.8	9.8	6.2	7.8
65 years and over	54.2	43.7	49.3	59.6	47.9	46.5	50.8	54.7	64.0	61.4
Sex: Male	66	94	123	65	292	284	97	141	95	227
Female	56	84	92	66	267	213	48	85	61	181
Race: White	122	177	215	131	554	496	144	222	156	406
Black	-	-	-	-	3	-	1	-	-	-
Indian	-	-	-	-	-	1	-	4	-	2
Other & unknown	-	1	-	-	2	-	-	-	-	-
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	-	-	-	-	7	7	1	2	1	1
010-019 Tuberculosis	-	-	-	-	1	1	-	-	-	-
140-209 Neoplasms-malignant	27	37	52	24	108	108	25	43	24	62
150-159 Digestive	12	10	14	11	29	24	7	15	5	17
160-163 Respiratory	5	4	7	3	19	19	3	5	5	10
174 Breast	1	4	6	4	11	8	3	4	4	8
180-187 Genital	4	5	8	1	16	12	4	5	6	8
188-189 Urinary	-	3	3	2	1	5	3	1	-	4
204-207 Leukemia	1	-	3	1	6	6	4	-	1	6
250 Diabetes mellitus	4	3	2	1	7	9	1	2	3	2
390-448 Major cardiovascular	73	95	108	73	257	264	77	111	78	262
390-398 Rheumatic	-	2	5	-	16	5	2	1	2	6
402,404 Hypertensive heart	3	-	2	1	4	2	1	-	-	3
410-414 Ischemic heart	46	59	61	41	146	173	41	72	42	166
420-429 Other heart	2	5	5	5	15	17	8	7	6	8
400-401, & 403 Hypertension	-	2	1	-	3	1	-	-	-	-
430-438 Cerebrovascular	12	19	31	22	53	56	19	16	25	55
440 Arteriosclerosis	7	7	3	1	8	3	4	11	3	19
460-519 Respiratory	3	13	21	9	47	41	11	21	18	18
470-474 Influenza	-	2	-	2	1	2	-	1	-	2
480-486 Pneumonia	2	5	8	5	23	28	7	10	9	6
490-491 Bronchitis	1	-	-	-	2	-	-	3	-	1
492 Emphysema	-	3	6	1	4	5	-	2	5	2
493 Asthma	-	-	2	-	-	-	1	-	-	-
531-533 Peptic ulcer	1	-	-	-	3	2	-	2	-	1
550-553, & 560 Hernia & intestinal obstruction	1	-	-	-	1	1	1	-	-	1
571 Cirrhosis of liver	-	1	-	1	4	4	-	1	-	5
580-584 Nephritis & nephrosis	-	-	1	1	3	1	2	1	-	1
590 Kidney infection	-	-	-	-	-	1	-	-	-	1
630-678 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759 Congenital anomalies	-	1	3	-	4	-	-	2	-	2
760-778 Infant mortality	1	1	-	1	16	6	2	1	1	2
780-796 Ill-defined	1	6	-	1	6	1	3	2	8	3
Residual Other diseases	5	6	14	5	42	27	6	21	15	22
E800-949 Accidents	6	10	12	15	41	21	12	12	9	18
E810-823 Motor vehicle	1	7	5	7	19	12	3	8	7	5
E880-887 Accidental falls	4	2	4	2	7	3	4	1	-	5
E950-959 Suicide	-	3	2	-	12	4	3	3	-	3
E960-978 Homicide	-	2	-	-	-	-	-	1	-	3
E980-999 Other violent deaths	-	-	-	-	1	-	1	1	1	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Pope	Ramsey	St. Paul	Red Lake	Redwood	Renville	Rice	Rock	Roseau	St. Louis
DEATHS - Total	135	3,851†	2,935†	56	190	216	395	98	125	2,289
Rate: Age & sex adjusted	8.0	8.7	10.6	9.2	7.4	7.9	8.9	6.9	8.4	9.3
Rate: Sex adjusted-age specific										
Under 5 years	2.4	3.3	3.4	-	1.9	2.5	2.8	1.1	5.6	3.5
5-14 years	0.6	0.2	0.3	1.0	0.3	0.3	0.8	0.6	-	0.4
15-24 years	1.3	0.9	0.7	0.9	1.3	1.5	1.7	1.3	2.6	1.0
25-44 years	1.2	1.1	1.3	3.1	2.7	3.4	1.8	1.0	2.9	1.8
45-64 years	8.5	8.4	9.4	6.4	5.5	5.7	7.4	4.1	8.1	9.1
65 years and over	47.4	55.1	69.1	59.4	45.0	46.9	54.7	47.0	44.2	56.6
Sex: Male	79	2,034	1,548	36	109	122	207	55	78	1,238
Female	56	1,816	1,386	20	81	94	188	43	47	1,051
Race: White	135	3,713	2,807	56	189	216	395	98	123	2,264
Black	-	115	111	-	-	-	-	-	-	6
Indian	-	13	13	-	-	-	-	-	1	17
Other & unknown	-	10	4	-	1	-	-	-	1	2
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	1	28	23	-	1	2	2	-	1	12
010-019 Tuberculosis	-	1	-	-	-	-	-	-	1	2
140-209 Neoplasms-malignant	28	835	617	6	44	46	86	17	25	465
150-159 Digestive	8	230	176	2	8	8	26	1	9	146
160-163 Respiratory	8	195	161	2	11	11	18	4	1	85
174 Breast	1	71	44	-	6	-	7	3	-	38
180-187 Genital	4	94	66	1	7	7	12	4	8	58
188-189 Urinary	1	41	28	1	3	5	1	-	1	20
204-207 Leukemia	1	42	26	-	2	1	5	2	-	21
250 Diabetes mellitus	1	56	40	-	1	5	5	-	5	42
390-448 Major cardiovascular	63	2,055	1,612	36	108	123	199	53	53	1,213
390-398 Rheumatic	1	32	27	1	-	1	3	-	3	21
402,404 Hypertensive heart	1	9	8	-	1	-	1	-	1	11
410-414 Ischemic heart	39	1,353	1,064	22	58	83	128	28	29	803
420-429 Other heart	1	113	84	-	5	9	11	5	1	84
400-401, & 403 Hyper ension	1	16	10	-	1	-	1	-	1	7
430-438 Cerebrovascular	19	363	286	11	38	27	38	15	16	220
440 Arteriosclerosis	-	90	67	1	2	1	12	3	-	35
460-519 Respiratory	14	275	204	4	11	6	28	11	9	163
470-474 Influenza	2	13	6	2	-	2	-	-	-	12
480-486 Pneumonia	7	150	115	1	8	2	12	3	4	77
490-491 Bronchitis	1	11	9	-	1	-	1	-	-	7
492 Emphysema	1	22	16	-	1	-	2	2	1	28
493 Asthma	-	3	3	-	-	1	1	-	-	1
531-533 Peptic ulcer	-	9	8	-	1	-	5	-	1	7
550-553, & 560 Hernia & intestinal obstruction	1	10	10	-	1	-	1	-	-	9
571 Cirrhosis of liver	2	43	32	-	-	-	4	-	2	37
580-584 Nephritis & nephrosis	1	6	4	-	-	1	1	1	1	6
590 Kidney infection	-	1	1	-	-	-	-	-	-	2
630-678 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	1	-
740-759 Congenital anomalies	-	29	19	-	-	2	6	-	3	19
760-778 Infant mortality	1	34	21	-	2	1	2	1	2	21
780-796 Ill-defined	3	30	20	-	3	-	3	-	1	29
Residual Other diseases	7	228	189	7	6	12	18	8	11	115
E800-949 Accidents	9	143	83	3	10	18	32	6	7	112
E810-823 Motor vehicle	2	71	35	1	4	8	17	4	2	57
E880-887 Accidental falls	3	22	15	-	1	2	2	1	-	17
E950-959 Suicide	4	38	26	-	2	-	3	1	2	31
E960-978 Homicide	-	18	16	-	-	-	-	-	1	4
E980-999 Other violent deaths	-	13	10	-	-	-	-	-	-	2

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Duluth	Scott	Sher-burne	Sibley	Stearns	Steele	Stevens	Swift	Todd	Traverse
DEATHS - Total	1,084	275	208	152	697	255	118	160	226	68
Rate: Age & sex adjusted	10.0	9.3	9.1	7.7	7.7	7.9	9.3	9.3	7.4	7.8
Rate: Sex adjusted-age specific										
Under 5 years	3.6	5.0	2.8	2.6	2.5	3.8	1.3	2.8	2.9	4.7
5-14 years	0.5	0.3	-	0.9	0.5	0.2	-	0.4	-	-
15-24 years	0.7	0.4	1.2	1.3	1.0	0.8	-	0.4	1.4	0.9
25-44 years	1.7	1.2	1.0	2.5	0.8	1.2	1.8	2.5	1.9	1.1
45-64 years	9.7	7.3	6.8	6.8	7.7	8.0	13.8	7.8	7.4	9.9
65 years and over	62.0	61.4	61.3	44.0	47.8	48.6	52.1	58.5	42.6	43.8
Sex: Male	556	163	119	90	430	140	83	93	138	32
Female	528	112	89	62	267	115	35	67	88	36
Race: White	1,073	275	207	152	696	255	118	160	226	67
Black	4	-	-	-	-	-	-	-	-	-
Indian	5	-	-	-	1	-	-	-	-	1
Other & unknown	2	-	1	-	-	-	-	-	-	-
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	6	-	1	-	2	1	-	1	1	1
010-019 Tuberculosis	2	-	-	-	-	-	-	-	-	-
140-209 Neoplasms-malignant	232	70	38	42	156	48	22	32	51	20
150-159 Digestive	68	20	16	18	43	17	8	6	17	5
160-163 Respiratory	44	15	6	5	35	6	5	8	9	2
174 Breast	15	6	1	4	15	5	1	4	5	3
180-187 Genital	34	8	-	8	11	7	2	8	6	3
188-189 Urinary	9	4	5	1	10	3	2	-	2	1
204-207 Leukemia	11	5	2	1	10	2	1	3	2	-
250 Diabetes mellitus	21	5	1	4	7	1	3	3	-	1
390-448 Major cardiovascular	563	117	119	66	375	136	55	83	113	34
390-398 Rheumatic	9	1	3	1	4	2	1	2	-	-
402,404 Hypertensive heart	8	3	1	1	2	1	-	2	3	-
410-414 Ischemic heart	361	72	82	28	253	86	33	51	82	21
420-429 Other heart	36	1	4	13	20	11	2	5	10	4
400-401, & 403 Hypertension	3	-	-	-	2	-	2	1	1	-
430-438 Cerebrovascular	120	30	23	17	63	28	14	20	15	5
440 Arteriosclerosis	13	5	4	3	19	7	1	-	2	1
460-519 Respiratory	85	13	13	8	39	23	10	12	13	4
470-474 Influenza	3	1	-	-	-	-	-	1	1	-
480-486 Pneumonia	48	5	3	6	15	16	4	7	5	3
490-491 Bronchitis	4	-	1	-	-	-	2	-	-	-
492 Emphysema	12	2	2	-	8	2	-	2	-	1
493 Asthma	1	2	-	-	4	-	1	-	-	-
531-533 Peptic ulcer	5	-	-	1	4	1	-	1	-	-
550-553, & 560 Hernia & intestinal obstruction	-	1	3	-	-	1	1	1	-	-
571 Cirrhosis of liver	20	2	1	1	9	2	2	3	4	-
580-584 Nephritis & nephrosis	1	3	1	-	3	-	2	-	-	-
590 Kidney infection	2	-	-	-	-	2	-	-	-	-
630-678 Pregnancy, childbirth & puerperium	-	-	1	-	-	-	-	-	-	-
740-759 Congenital anomalies	10	2	1	-	4	4	-	1	2	1
760-778 Infant mortality	9	10	3	1	9	3	1	3	3	1
780-796 Ill-defined	18	2	2	7	8	2	5	2	2	1
Residual Other diseases	51	28	10	9	23	15	5	13	19	1
E800-949 Accidents	49	16	10	9	41	12	12	4	16	3
E810-823 Motor vehicle	24	7	6	2	24	5	7	-	11	1
E880-887 Accidental falls	10	3	1	3	3	1	1	1	1	1
E950-959 Suicide	8	6	3	4	10	3	-	-	2	-
E960-978 Homicide	3	-	-	-	4	1	-	-	-	-
E980-999 Other violent deaths	1	-	1	-	3	-	-	1	-	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1978-CONT.

	Wabasha	Wadena	Waseca	Washington	Watonwan	Wilkin	Winona	Wright	Yellow Medicine	Unknown
DEATHS - Total	218	145	149	518	162	83	415	370	149	1
Rate: Age & sex adjusted	9.2	8.4	7.2	7.8	9.2	7.2	8.3	7.7	7.6	-
Rate: Sex adjusted-age specific										
Under 5 years	6.3	3.9	0.6	2.7	4.2	-	3.2	1.9	1.0	-
5-14 years	0.6	0.9	-	0.3	0.6	-	-	0.5	0.5	-
15-24 years	1.8	0.3	1.1	1.1	0.4	-	1.2	1.1	1.3	-
25-44 years	1.4	-	0.6	1.1	0.9	0.6	1.3	1.5	1.7	-
45-64 years	6.7	6.2	6.3	6.2	7.1	7.0	8.6	5.7	5.4	-
65 years and over	57.3	58.3	48.3	50.5	61.9	49.6	50.4	49.5	48.9	-
Sex: Male	113	71	82	311	96	46	233	204	88	1
Female	105	74	67	207	66	37	182	166	61	-
Race: White	218	145	149	517	162	83	414	370	145	1
Black	-	-	-	-	-	-	1	-	1	-
Indian	-	-	-	1	-	-	-	-	1	-
Other & unknown	-	-	-	-	-	-	-	-	2	-
ICDA** CAUSE OF DEATH										
000-136 Infective-parasitic	-	3	-	4	1	-	3	1	3	-
010-019 Tuberculosis	-	2	-	-	-	-	-	-	1	-
140-209 Neoplasms-malignant	40	24	26	109	24	23	85	82	27	-
150-159 Digestive	12	9	5	26	6	11	26	22	7	-
160-163 Respiratory	5	4	5	20	7	3	12	16	3	-
174 Breast	3	1	1	12	2	-	8	10	3	-
180-187 Genital	7	7	5	11	4	2	8	11	4	-
188-189 Urinary	1	-	3	8	2	1	6	4	1	-
204-207 Leukemia	1	1	3	7	-	1	2	6	2	-
250 Diabetes mellitus	4	4	3	7	5	1	5	5	2	-
390-448 Major cardiovascular	107	87	87	235	101	52	211	191	80	-
390-398 Rheumatic	3	2	2	5	1	1	2	4	2	-
402,404 Hypertensive heart	-	-	1	2	-	1	5	3	1	-
410-414 Ischemic heart	61	54	57	146	65	37	129	121	56	-
420-429 Other heart	7	12	12	15	5	2	18	17	4	-
400-401, & 403 Hypertension	-	2	2	-	-	-	2	1	2	-
430-438 Cerebrovascular	27	13	12	45	27	10	42	29	14	-
440 Arteriosclerosis	6	3	-	8	1	1	6	12	-	-
460-519 Respiratory	21	4	12	35	8	1	40	28	15	-
470-474 Influenza	2	1	2	1	-	-	6	1	1	-
480-486 Pneumonia	10	2	5	22	3	1	20	18	10	-
490-491 Bronchitis	2	-	-	2	-	-	-	1	-	-
492 Emphysema	1	-	1	3	1	-	5	-	-	-
493 Asthma	-	-	1	1	1	-	-	-	-	-
531-533 Peptic ulcer	2	-	1	-	-	2	3	1	-	-
550-553, & 560 Hernia & intestinal obstruction	-	1	-	1	-	-	-	-	-	1
571 Cirrhosis of liver	3	3	-	6	2	-	6	2	-	-
580-584 Nephritis & nephrosis	2	1	-	2	-	-	1	5	2	-
590 Kidney infection	2	-	-	-	1	-	-	1	-	-
630-678 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759 Congenital anomalies	-	2	-	9	2	-	1	3	3	-
760-778 Infant mortality	7	1	-	4	-	-	4	9	-	-
780-796 Ill-defined	1	1	2	7	1	-	9	3	-	-
Residual Other diseases	12	5	9	30	9	1	22	17	8	-
E800-949 Accidents	16	7	8	51	8	1	23	19	8	-
E810-823 Motor vehicle	12	2	5	36	2	1	17	11	7	-
E880-887 Accidental falls	1	2	1	4	2	-	1	4	1	-
E950-959 Suicide	-	2	-	15	-	2	-	3	-	-
E960-978 Homicide	1	-	-	3	-	-	-	-	1	-
E980-999 Other violent deaths	-	-	1	-	-	-	2	-	-	-

* As of the 1970 Census
† Includes unknown sex
** For detailed causes see pages 29-33

MARRIAGES, DIVORCES, AND ANNULMENTS BY COUNTY OF OCCURRENCE
MINNESOTA, 1978

County	Marriages	Divorces	Annul-ments	Unknown Divorce or Annulment	County	Marriages	Divorces	Annul-ments	Unknown Divorce or Annulment
State Total	33,480	14,183	38	172					
Aitkin	109	24	-	-	Marshall	124	1	-	-
Anoka	1,528	810	1	-	Martin	160	66	-	1
Becker	199	91	-	-	Meeker	141	37	-	9
Beltrami	270	140	2	2	Mille Lacs	154	58	-	-
Benton	208	11	-	1	Morrison	241	59	-	1
Big Stone	57	7	-	-	Mower	338	110	-	1
Blue Earth	444	140	1	17	Murray	86	12	-	-
Brown	235	66	-	8	Nicollet	188	-	-	-
Carlton	241	119	1	12	Nobles	208	48	-	1
Carver	227	79	-	6	Norman	62	17	-	-
Cass	113	74	-	2	Olmsted	779	389	2	5
Chippewa	94	-	-	-	Otter Tail	408	133	-	3
Chisago	174	72	-		Pennington	159	51	-	-
Clay	513	178	-		Pine	155	46	1	-
Clearwater	61	19	-	3	Pipestone	112	31	-	-
Cook	33	14	-	-	Polk	319	90	-	-
Cottonwood	88	25	-	-	Pope	96	26	-	-
Crow Wing	350	150	-	3	Ramsey	4,013	1,902	7	3
Dakota	1,338	762	3	10	Red Lake	37	6	-	-
Dodge	101	46	-	1	Redwood	138	48	-	1
Douglas	245	70	1	7	Renville	117	28	-	2
Faribault	163	33	-	-	Rice	286	123	-	-
Fillmore	154	39	-	-	Rock	108	-	-	-
Freeborn	286	121	2	1	Roseau	102	26	-	4
Goodhue	313	92	-	-	St. Louis	1,953	901	3	43
Grant	52	14	-	1	Scott	290	127	-	2
Hennepin	8,731	4,411	14	5	Sherburne	195	96	-	-
Houston	156	33	-	1	Sibley	113	22	-	-
Hubbard	124	48	-	-	Stearns	838	250	-	1
Isanti	143	50	-	1	Steele	216	85	-	-
Itasca	313	198	-	2	Stevens	95	17	-	-
Jackson	99	32	-	-	Swift	94	28	-	-
Kanabec	84	38	-	-	Todd	195	50	-	-
Kandiyohi	281	97	-	2	Traverse	50	2	-	-
Kittson	30	12	-	3	Wabasha	152	37	-	1
Koochiching	143	85	-	-	Wadena	114	-	-	-
Lac Qui Parle	70	11	-	-	Waseca	169	59	-	-
Lake	112	55	-	1	Washington	818	395	-	-
Lake of the Woods	34	-	-	-	Watonwan	101	32	-	1
Le Sueur	174	53	-	-	Wilkin	73	4	-	-
Lincoln	64	4	-	-	Winona	397	139	-	1
Lyon	202	55	-	-	Wright	371	169	-	-
McLeod	210	59	-	-	Yellow Medicine	111	18	-	-
Mahnomen	38	8	-	-	Unknown	-	-	-	-

MARRIAGES REPORTED IN MINNESOTA BY STATE OF RESIDENCE
1978

State of Residence	Marriages Reported		Percent of Marriages Reported	
	Residence of Bride	Residence of Groom	Residence of Bride	Residence of Groom
Total	33,480	33,480	100.0	100.0
Minnesota*	31,766	30,224	94.9	90.3
Other Areas and Unknown	1,714	3,256	5.1	9.7
Iowa	186	351	0.6	1.0
North Dakota	276	440	0.8	1.3
South Dakota	111	176	0.3	0.5
Wisconsin	398	629	1.2	1.9
Other States	673	1,515	2.0	4.5
U.S. Territories	1	4	0.0	0.0
Other Nations	67	137	0.2	0.4
Unknown	2	4	0.0	0.0

* The resident totals are not true resident totals for Minnesota. Information is not available at the present time on the number of Minnesotans who marry in other States.

MARRIAGES OCCURRING IN MINNESOTA
BY AGE OF BRIDE AND GROOM, 1978

	Groom's Age														
Bride's Age	Total	Under 18	18-19	20	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 & Over	Un-known*
Total	33,480	8	2,774	2,736	12,430	8,065	3,108	1,462	817	523	497	353	249	440	18
Under 18	1,088	1	541	189	293	53	7	3	-	-	-	-	-	1	-
18-19	6,672	1	1,742	1,384	2,829	610	74	19	9	2	1	-	-	-	1
20	3,936	2	291	678	2,210	625	91	29	7	-	2	-	1	-	-
21-24	11,286	2	171	427	6,119	3,520	762	191	50	25	6	8	1	1	3
25-29	5,539	-	15	47	830	2,730	1,269	426	129	45	29	11	3	1	4
30-34	2,013	1	10	7	116	429	693	434	203	67	32	15	4	1	1
35-39	930	-	3	2	17	72	155	256	212	117	70	16	8	1	1
40-44	537	-	1	-	2	13	44	81	133	116	85	39	11	11	1
45-49	412	-	-	-	2	4	11	15	58	98	122	55	25	21	1
50-54	336	-	-	-	-	1	1	7	10	41	105	92	60	19	-
55-59	248	1	-	-	-	2	-	-	6	12	29	86	57	54	1
60-64	196	-	-	1	1	-	-	-	-	-	10	26	60	98	-
65 & Over	262	-	-	-	1	-	1	1	-	-	4	4	19	231	1
Unknown *	25	-	-	1	10	6	-	-	-	-	2	1	-	1	4

* Includes age specified as legal

MARRIAGES OCCURRING IN MINNESOTA
BY RACE OF BRIDE AND GROOM, 1978

	GROOM								
BRIDE	TOTAL	WHITE	BLACK	INDIAN	CHINESE	JAPANESE	OTHER* ASIAN	OTHER	UNKNOWN
TOTAL	33,480	29,875	503	237	37	18	72	18	2,720
WHITE	30,001	29,389	196	116	11	13	40	10	226
BLACK	336	43	287	-	1	-	-	1	4
INDIAN	214	88	7	117	-	-	-	-	2
CHINESE	34	13	-	-	21	-	-	-	-
JAPANESE	15	9	1	-	2	3	-	-	-
OTHER* ASIAN	61	31	-	-	-	-	29	-	1
OTHER	27	18	-	-	-	-	-	6	3
UNKNOWN	2,792	284	12	4	2	2	3	1	2,484

* Includes Pacific Islanders

DIVORCES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE
MINNESOTA, 1978

	Husband's Age												
Wife's Age	Total	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 & Over	Unknown
Total	14,393	68	1,889	3,420	2,733	1,900	1,283	866	648	348	176	229	833
15-19	336	39	234	43	10	4	4	-	-	-	-	1	1
20-24	3,043	23	1,448	1,223	244	71	16	4	-	2	-	1	11
25-29	3,446	2	167	1,883	1,073	220	59	21	6	2	1	-	12
30-34	2,415	2	26	221	1,207	692	172	48	32	9	-	1	5
35-39	1,699	-	6	31	149	782	507	136	59	16	6	-	7
40-44	1,038	1	1	8	26	95	433	331	102	28	5	4	4
45-49	643	1	-	1	12	22	67	260	197	55	18	10	-
50-54	460	-	1	-	5	7	18	55	188	125	41	19	1
55-59	238	-	1	1	-	1	6	7	46	81	56	39	-
60-64	129	-	-	-	-	-	-	3	11	22	33	60	-
65 & Over	122	-	-	-	-	-	-	-	6	7	14	94	1
Unknown	824	-	5	9	7	6	1	1	1	1	2	-	791

Population Estimates
by Region, County, and Cities
Over 100,000, Age, and Sex
Minnesota, 1978

The population estimates were prepared by the Minnesota Center for Health Statistics using the State Demographer's total county and 65+ estimates as a basis for estimation, and are unofficial since Minnesota Statute 4.12 (1974) designates the office of the State Demographer as the official agency for conducting population estimation.

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
State Total	4,007,994	284,397	635,294	798,288	1,049,626	777,069	463,320
Male	1,968,671	146,974	327,028	409,504	509,325	383,562	192,278
Female	2,039,323	137,423	308,266	388,784	540,301	393,507	271,042
Northwestern Region	161,003	13,206	25,584	33,593	31,368	33,960	23,292
Male	80,691	6,812	12,931	16,884	15,911	17,180	10,973
Female	80,312	6,394	12,653	16,709	15,457	16,780	12,319
Northeastern Region	341,605	24,780	52,942	71,734	69, 624	78,325	44,200
Male	167,825	12,660	26,830	36,333	34,086	38,825	19,091
Female	173,780	12,120	26,112	35,401	35,538	39,500	25,109
West Central Region	197,205	13,738	29,095	41,160	42,150	41,740	29,322
Male	97,134	7,122	14,918	20,960	20,258	20,626	13,250
Female	100,071	6,616	14,177	20,200	21,892	21,114	16,072
Central Region	434,312	35,288	74,722	95,637	93,276	82,743	52,646
Male	217,557	18,320	38,987	48,493	46,446	41,098	24,213
Female	216,755	16,968	35,735	47,144	46,830	41,645	28,433
Southwestern Region	306,406	23,474	48,174	62,694	55,329	68,906	47,829
Male	151,353	12,206	24,549	30,935	28,033	34,403	21,227
Female	155,053	11,268	23,625	31,759	27,296	34,503	26,602
South Central Region	218,806	16,231	32,392	42,815	53,164	42,656	31,548
Male	106,512	8,369	16,648	22,088	25,018	20,967	13,422
Female	112,294	7,862	15,744	20,727	28,146	21,689	18,126
Southeastern Region	403,009	28,904	64,629	81,878	96,835	78,861	51,902
Male	196,844	14,811	33,149	41,914	46,449	38,972	21,549
Female	206,165	14,093	31,480	39,964	50,386	39,889	30,353
Metropolitan Region	1,945,648	128,776	307,756	368,777	607,880	349,878	182,581
Male	950,755	66,674	159,016	191,897	293,124	171,491	68,553
Female	994,893	62,102	148,740	176,880	314,756	178,387	114,028

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Aitkin	13,599	886	1,892	2,748	1,793	3,405	2,875
Male	6,783	486	951	1,364	881	1,671	1,430
Female	6,816	400	941	1,384	912	1,734	1,445
Anoka	199,503	14,347	35,888	41,033	72,572	28,724	6,939
Male	101,460	7,646	19,024	21,096	35,798	14,909	2,987
Female	98,043	6,701	16,864	19,937	36,774	13,815	3,952
Becker	28,402	2,295	4,739	6,344	4,841	6,163	4,020
Male	13,936	1,203	2,429	3,068	2,368	3,001	1,867
Female	14,466	1,092	2,310	3,276	2,473	3,162	2,153
Beltrami	30,700	2,349	4,384	6,498	9,037	5,075	3,357
Male	15,481	1,178	2,209	3,616	4,398	2,510	1,570
Female	15,219	1,171	2,175	2,882	4,639	2,565	1,787
Benton	22,800	2,255	4,276	4,606	5,443	3,776	2,444
Male	11,629	1,187	2,213	2,365	2,872	1,869	1,123
Female	11,171	1,068	2,063	2,241	2,571	1,907	1,321
Big Stone	7,701	533	1,130	1,572	1,090	1,954	1,422
Male	3,782	261	591	762	546	985	637
Female	3,919	272	539	810	544	969	785
Blue Earth	50,401	3,344	5,778	9,037	18,845	7,453	5,944
Male	23,938	1,736	2,940	5,149	8,116	3,640	2,357
Female	26,463	1,608	2,838	3,888	10,729	3,813	3,587
Brown	30,102	2,109	4,898	6,172	6,229	6,316	4,378
Male	14,545	1,072	2,518	3,058	2,906	3,141	1,850
Female	15,557	1,037	2,380	3,114	3,323	3,175	2,528
Carlton	30,200	2,158	4,989	6,644	5,984	6,824	3,601
Male	15,171	1,085	2,608	3,382	3,021	3,456	1,619
Female	15,029	1,073	2,381	3,262	2,963	3,368	1,982

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Carver	35,600	2,886	6,447	7,687	8,654	6,782	3,144
Male	18,072	1,544	3,438	3,844	4,443	3,397	1,406
Female	17,528	1,342	3,009	3,843	4,211	3,385	1,738
Cass	20,802	1,505	3,048	4,285	3,085	5,070	3,809
Male	10,318	783	1,576	2,101	1,579	2,422	1,857
Female	10,484	722	1,472	2,184	1,506	2,648	1,952
Chippewa	15,699	1,265	2,430	3,130	2,675	3,610	2,589
Male	7,658	673	1,214	1,465	1,351	1,815	1,140
Female	8,041	592	1,216	1,665	1,324	1,795	1,449
Chisago	24,002	1,842	4,135	5,300	5,078	4,853	2,794
Male	12,336	1,016	2,301	2,642	2,664	2,388	1,325
Female	11,666	826	1,834	2,658	2,414	2,465	1,469
Clay	47,901	3,097	6,370	9,681	16,286	7,803	4,664
Male	23,664	1,595	3,319	5,472	7,360	3,878	2,040
Female	24,237	1,502	3,051	4,209	8,926	3,925	2,624
Clearwater	9,002	737	1,599	1,833	1,293	1,992	1,548
Male	4,582	405	861	897	658	992	769
Female	4,420	332	738	936	635	1,000	779
Cook	4,300	266	696	821	847	1,145	525
Male	2,264	134	356	424	434	651	265
Female	2,036	132	340	397	413	494	260
Cottonwood	15,301	1,171	2,350	2,970	2,588	3,509	2,713
Male	7,430	625	1,201	1,421	1,331	1,682	1,170
Female	7,871	546	1,149	1,549	1,257	1,827	1,543
Crow Wing	40,100	2,824	6,223	8,309	8,006	8,697	6,041
Male	19,671	1,415	3,264	4,153	3,954	4,127	2,758
Female	20,429	1,409	2,959	4,156	4,052	4,570	3,283

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Dakota	190,205	13,792	34,509	39,133	62,039	30,556	10,176
Male	95,689	7,318	18,744	19,427	30,789	15,163	4,248
Female	94,516	6,474	15,765	19,706	31,250	15,393	5,928
Dodge	14,001	1,117	2,465	3,028	2,574	2,929	1,888
Male	6,884	531	1,277	1,465	1,317	1,462	832
Female	7,117	586	1,188	1,563	1,257	1,467	1,056
Douglas	25,901	1,845	3,999	5,325	5,073	5,543	4,116
Male	12,787	953	2,060	2,584	2,556	2,751	1,883
Female	13,114	892	1,939	2,741	2,517	2,792	2,233
Faribault	19,801	1,481	2,941	4,041	3,223	4,555	3,560
Male	9,680	791	1,506	2,027	1,630	2,207	1,519
Female	10,121	690	1,435	2,014	1,593	2,348	2,041
Fillmore	21,800	1,656	3,507	4,313	3,529	5,054	3,741
Male	10,814	881	1,811	2,079	1,831	2,568	1,644
Female	10,986	775	1,696	2,234	1,698	2,486	2,097
Freeborn	36,901	2,515	5,687	7,418	7,879	8,039	5,363
Male	18,363	1,234	2,881	3,905	4,136	3,984	2,223
Female	18,538	1,281	2,806	3,513	3,743	4,055	3,140
Goodhue	38,401	2,711	6,172	8,200	7,488	8,156	5,674
Male	19,122	1,408	3,243	4,246	3,759	4,023	2,443
Female	19,279	1,303	2,929	3,954	3,729	4,133	3,231
Grant	7,499	509	1,024	1,441	1,103	1,980	1,442
Male	3,514	259	486	650	547	978	594
Female	3,985	250	538	791	556	1,002	848
Hennepin	909,923	55,414	130,801	162,518	287,418	172,489	101,283
Male	436,154	28,066	66,243	85,810	135,457	83 665	36,913
Female	473,769	27,348	64,558	76,708	151,961	88,824	64,370

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Houston	18,200	1,150	3,103	3,999	3,509	3,812	2,627
Male	8,968	588	1,510	1,961	1,786	1,932	1,191
Female	9,232	562	1,593	2,038	1,723	1,880	1,436
Hubbard	13,000	950	1,920	2,720	2,056	3,148	2,206
Male	6,330	475	928	1,286	1,022	1,528	1,091
Female	6,670	475	992	1,434	1,034	1,620	1,115
Isanti	21,503	1,343	3,862	5,303	4,860	3,747	2,388
Male	10,855	686	2,144	2,651	2,426	1,849	1,099
Female	10,648	657	1,718	2,652	2,434	1,898	1,289
Itasca	42,102	3,207	7,058	9,509	7,218	10,153	4,957
Male	20,518	1,671	3,445	4,638	3,463	4,984	2,317
Female	21,584	1,536	3,613	4,871	3,755	5,169	2,640
Jackson	14,200	885	2,193	3,050	2,496	3,378	2,198
Male	6,897	433	1,068	1,534	1,277	1,656	929
Female	7,303	452	1,125	1,516	1,219	1,722	1,269
Kanabec	11,501	1,084	2,067	2,358	2,082	2,278	1,632
Male	5,723	553	1,055	1,142	1,045	1,140	788
Female	5,778	531	1,012	1,216	1,037	1,138	844
Kandiyohi	34,202	2,677	5,252	6,883	6,832	7,655	4,903
Male	17,140	1,405	2,668	3,557	3,439	3,823	2,248
Female	17,062	1,272	2,584	3,326	3,393	3,832	2,655
Kittson	6,700	519	987	1,311	1,014	1,728	1,141
Male	3,317	273	509	598	528	899	510
Female	3,383	246	478	713	486	829	631
Koochiching	17,699	1,334	2,919	3,833	3,477	4,128	2,008
Male	8,854	677	1,514	1,888	1,741	2,077	957
Female	8,845	657	1,405	1,945	1,736	2,051	1,051

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Lac Qui Parle	11,200	928	1,616	2,266	1,502	2,777	2,111
Male	5,489	497	808	1,023	757	1,426	978
Female	5,711	431	808	1,243	745	1,351	1,133
Lake	13,200	958	2,131	3,013	2,859	2,901	1,338
Male	6,647	490	1,112	1,535	1,422	1,474	614
Female	6,553	468	1,019	1,478	1,437	1,427	724
Lake of the Woods	4,001	536	531	760	728	839	607
Male	2,038	276	266	370	422	406	298
Female	1,963	260	265	390	306	433	309
Le Sueur	22,099	2,027	3,850	4,323	4,213	4,156	3,530
Male	10,989	1,027	2,042	2,199	2,087	2,041	1,593
Female	11,110	1,000	1,808	2,124	2,126	2,115	1,937
Lincoln	8,200	718	1,236	1,609	1,147	1,985	1,505
Male	4,070	374	637	802	576	1,012	669
Female	4,130	344	599	807	571	973	836
Lyon	24,602	1,673	3,715	5,322	5,903	4,879	3,110
Male	12,422	912	1,919	2,851	3,002	2,393	1,345
Female	12,180	761	1,796	2,471	2,901	2,486	1,765
McLeod	29,602	2,308	4,918	5,517	6,917	5,959	3,983
Male	14,631	1,206	2,546	2,663	3,450	2,984	1,782
Female	14,971	1,102	2,372	2,854	3,467	2,975	2,201
Mahnomen	5,999	563	1,103	1,318	875	1,364	776
Male	3,016	284	534	636	437	739	386
Female	2,983	279	569	682	438	625	390
Marshall	13,702	1,237	2,406	2,888	2,223	3,077	1,871
Male	6,910	667	1,185	1,398	1,124	1,631	905
Female	6,792	570	1,221	1,490	1,099	1,446	966

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Martin	24,801	1,741	3,891	4,810	4,401	5,790	4,168
Male	11,956	871	1,969	2,361	2,183	2,799	1,773
Female	12,845	870	1,922	2,449	2,218	2,991	2,395
Meeker	20,400	1,643	3,364	4,158	3,587	4,557	3,091
Male	10,172	878	1,737	2,065	1,776	2,309	1,407
Female	10,228	765	1,627	2,093	1,811	2,248	1,684
Mille Lacs	18,899	1,427	3,114	3,944	3,378	4,134	2,902
Male	9,633	808	1,709	1,976	1,710	2,065	1,365
Female	9,266	619	1,405	1,968	1,668	2,069	1,537
Morrison	28,101	2,461	5,189	6,410	4,370	5,701	3,970
Male	13,707	1,259	2,582	3,023	2,168	2,855	1,820
Female	14,394	1,202	2,607	3,387	2,202	2,846	2,150
Mower	41,301	2,807	6,564	8,867	7,184	10,011	5,868
Male	20,013	1,430	3,270	4,331	3,608	4,871	2,503
Female	21,288	1,377	3,294	4,536	3,576	5,140	3,365
Murray	12,300	962	1,940	2,772	1,833	2,997	1,796
Male	6,090	497	998	1,352	923	1,502	818
Female	6,210	465	942	1,420	910	1,495	978
Nicollet	25,501	1,851	3,889	5,101	7,651	4,101	2,908
Male	12,643	949	2,031	2,671	3,758	2,029	1,205
Female	12,858	902	1,858	2,430	3,893	2,072	1,703
Nobles	22,701	1,619	3,663	4,836	4,242	5,022	3,319
Male	11,254	804	1,912	2,483	2,134	2,485	1,436
Female	11,447	815	1,751	2,353	2,108	2,537	1,883
Norman	9,498	682	1,428	1,802	1,462	2,263	1,861
Male	4,752	341	733	833	779	1,187	879
Female	4,746	341	695	969	683	1,076	982

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Olmsted	92,302	7,055	15,519	16,745	29,309	14,972	8,702
Male	44,187	3,650	8,076	8,564	13,372	7,345	3,180
Female	48,115	3,405	7,443	8,181	15,937	7,627	5,522
Otter Tail	50,101	3,410	7,474	10,412	7,970	11,942	8,893
Male	24,712	1,772	3,846	5,137	3,999	5,863	4,095
Female	25,389	1,638	3,628	5,275	3,971	6,079	4,798
Pennington	14,900	1,299	2,430	2,946	3,311	2,820	2,094
Male	7,439	705	1,246	1,490	1,640	1,419	939
Female	7,461	594	1,184	1,456	1,671	1,401	1,155
Pine	18,899	1,541	2,958	4,024	3,319	4,098	2,959
Male	9,620	802	1,512	1,983	1,893	2,009	1,421
Female	9,279	739	1,446	2,041	1,426	2,089	1,538
Pipestone	11,699	881	1,815	2,400	1,966	2,575	2,062
Male	5,607	434	917	1,140	976	1,283	857
Female	6,092	447	898	1,260	990	1,292	1,205
Polk	35,400	2,774	5,483	7,573	6,493	7,794	5,283
Male	17,577	1,417	2,769	3,814	3,335	3,889	2,353
Female	17,823	1,357	2,714	3,759	3,158	3,905	2,930
Pope	11,500	811	1,709	2,368	1,690	2,773	2,149
Male	5,765	422	884	1,207	865	1,406	981
Female	5,735	389	825	1,161	825	1,367	1,168
Ramsey	451,913	30,677	70,091	82,175	132,034	84,747	52,189
Male	217,991	15,861	35,295	43,314	63,395	40,950	19,176
Female	233,922	14,816	34,796	38,861	68,639	43,797	33,013
Red Lake	5,301	483	997	1,185	824	1,093	719
Male	2,687	239	503	580	472	545	348
Female	2,614	244	494	605	352	548	371

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Redwood	19,699	1,553	3,314	3,974	3,207	4,412	3,239
Male	9,743	786	1,680	1,914	1,673	2,279	1,411
Female	9,956	767	1,634	2,060	1,534	2,133	1,828
Renville	20,401	1,642	3,244	4,194	3,078	4,722	3,521
Male	10,157	867	1,698	2,043	1,602	2,354	1,593
Female	10,244	775	1,546	2,151	1,476	2,368	1,928
Rice	44,302	2,916	6,709	9,931	12,104	7,329	5,313
Male	21,803	1,465	3,541	5,441	5,622	3,564	2,170
Female	22,499	1,451	3,168	4,490	6,482	3,765	3,143
Rock	11,400	896	1,822	2,335	2,010	2,651	1,686
Male	5,474	458	859	1,139	989	1,300	729
Female	5,926	438	963	1,196	1,021	1,351	957
Roseau	12,800	1,077	2,316	2,759	2,052	2,767	1,829
Male	6,562	552	1,188	1,366	1,096	1,435	925
Female	6,238	525	1,128	1,393	956	1,332	904
St. Louis	220,505	15,971	33,257	45,166	47,446	49,769	28,896
Male	107,588	8,117	16,844	23,102	23,124	24,512	11,889
Female	112,917	7,854	16,413	22,064	24,322	25,257	17,007
Scott	43,202	3,241	8,282	9,755	11,377	7,625	2,922
Male	22,044	1,717	4,510	4,972	5,684	3,860	1,301
Female	21,158	1,524	3,772	4,783	5,693	3,765	1,621
Sherburne	30,902	2,523	5,519	6,812	8,432	5,231	2,385
Male	16,089	1,267	2,830	3,729	4,510	2,624	1,129
Female	14,813	1,256	2,689	3,083	3,922	2,607	1,256
Sibley	15,399	1,151	2,305	3,216	2,742	3,479	2,506
Male	7,557	597	1,148	1,541	1,371	1,759	1,141
Female	7,842	554	1,157	1,675	1,371	1,720	1,365

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Stearns	106,703	8,311	18,190	24,695	28,004	17,468	10,035
Male	52,608	4,339	9,315	12,918	12,780	8,876	4,380
Female	54,095	3,972	8,875	11,777	15,224	8,592	5,655
Steele	30,700	2,351	5,054	6,484	6,719	6,387	3,705
Male	15,091	1,211	2,641	3,244	3,202	3,194	1,599
Female	15,609	1,140	2,413	3,240	3,517	3,193	2,106
Stevens	11,202	776	1,463	2,413	2,772	2,265	1,513
Male	5,532	393	728	1,289	1,354	1,095	673
Female	5,670	383	735	1,124	1,418	1,170	840
Swift	13,200	1,098	2,167	2,727	1,949	3,125	2,134
Male	6,420	556	1,067	1,297	1,010	1,524	966
Female	6,780	542	1,100	1,430	939	1,601	1,168
Todd	23,900	2,099	3,905	5,143	3,593	5,340	3,820
Male	11,899	1,073	2,032	2,541	1,821	2,696	1,736
Female	12,001	1,026	1,873	2,602	1,772	2,644	2,084
Traverse	6,100	419	927	1,300	896	1,415	1,143
Male	2,945	218	456	601	423	732	515
Female	3,155	201	471	699	473	683	628
Wabasha	19,201	1,582	3,189	3,990	3,507	4,029	2,904
Male	9,432	813	1,596	1,870	1,840	2,023	1,290
Female	9,769	769	1,593	2,120	1,667	2,006	1,614
Wadena	14,100	1,322	2,191	3,123	2,360	3,079	2,025
Male	6,981	660	1,129	1,567	1,199	1,504	922
Female	7,119	662	1,062	1,556	1,161	1,575	1,103
Waseca	18,401	1,624	3,071	3,635	3,651	4,003	2,417
Male	9,096	835	1,621	1,815	1,846	1,958	1,021
Female	9,305	789	1,450	1,820	1,805	2,045	1,396

POPULATION ESTIMATES BY REGION, COUNTY, CITIES OVER 100,000*, AGE, AND SEX
MINNESOTA, 1978-CONT.

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Washington	115,302	8,419	21,738	26,476	33,786	18,955	5,928
Male	59,345	4,522	11,762	13,434	17,558	9,547	2,522
Female	55,957	3,897	9,976	13,042	16,228	9,408	3,406
Watonwan	12,301	903	1,769	2,480	2,209	2,803	2,137
Male	6,108	491	873	1,267	1,121	1,393	963
Female	6,193	412	896	1,213	1,088	1,410	1,174
Wilkin	8,599	576	1,390	1,876	1,519	1,856	1,382
Male	4,279	307	710	952	786	922	602
Female	4,320	269	680	924	733	934	780
Winona	45,900	3,044	6,660	8,903	13,033	8,143	6,117
Male	22,167	1,600	3,303	4,808	5,976	4,006	2,474
Female	23,733	1,444	3,357	4,095	7,057	4,137	3,643
Wright	52,100	4,751	10,045	11,325	11,266	9,271	5,442
Male	26,488	2,472	5,325	5,702	5,825	4,674	2,490
Female	25,612	2,279	4,720	5,623	5,441	4,597	2,952
Yellow Medicine	13,899	1,022	2,005	2,979	2,307	3,139	2,447
Male	6,917	540	1,029	1,424	1,221	1,591	1,112
Female	6,982	482	976	1,555	1,086	1,548	1,335
Minneapolis	370,208	25,994	47,867	53,292	134,090	67,515	41,450
Male	172,353	12,746	22,545	29,714	57,370	31,533	18,445
Female	197,855	13,248	25,322	23,578	76,720	35,982	23,005
St. Paul	270,690	19,196	40,703	46,970	78,437	53,293	32,091
Male	130,394	9,795	19,891	25,357	35,895	25,111	14,345
Female	140,296	9,401	20,812	21,613	42,542	28,182	17,746
Duluth	95,021	7,35[illegible]	13,607	17,437	23,719	19,966	12,937
Male	45,787	3,655	6,803	9,184	10,880	9,547	5,718
Female	49,234	3,700	6,804	8,253	12,839	10,419	7,219

*As of the 1970 Census

DEFINITIONS

Residence: This is the geographic area of the usual place of abode of the deceased at the time of death or of the mother in the case of live births or fetal deaths. This means, in general, the place where one lives and sleeps most of the time. However, when usual residence is in a nursing home or other institution, where the patient resided for the purpose of receiving care, residence is coded to the place where the patient lived prior to admission to the institution.

Region: Region refers to the eight Minnesota Department of Health Districts. Region names and counties within regions follow:

Northwestern:	Beltrami, Clearwater, Hubbard, Kittson, Lake of the Woods, Mahnomen, Marshall, Norman, Pennington, Polk, Red Lake, and Roseau
Northeastern:	Aitkin, Carlton, Cook, Itasca, Koochiching, Lake, and St. Louis
West Central:	Becker, Clay, Douglas, Grant, Otter Tail, Pope, Stevens, Traverse, and Wilkin
Central:	Benton, Cass, Chisago, Crow Wing, Isanti, Kanabec, Mille Lacs, Morrison, Pine, Sherburne, Stearns, Todd, Wadena, and Wright
Southwestern:	Big Stone, Chippewa, Cottonwood, Jackson, Kandiyohi, Lac Qui Parle, Lincoln, Lyon, McLeod, Meeker, Murray, Nobles, Pipestone, Redwood, Renville, Rock, Swift, and Yellow Medicine
South Central:	Blue Earth, Brown, Faribault, Le Sueur, Martin, Nicollet, Sibley, Waseca, and Watonwan
Southeastern:	Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, and Winona
Metropolitan:	Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington.

Rate: Rates are given per 1,000 except for certain causes of death when it is stated as per 100,000.

Live Birth: Live birth means the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which after such separation breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered a live born.

Birth Rate: The number of live births per 1,000 population.

Fertility Rate: The number of live births per 1,000 women in the population of age 15 through 44 years.

High Risk Birth: A birth is classified as high risk if any of the following conditions exist:

Mother's age: Less than 17 years or over 39 years.
Prenatal care: Less than 3 visits.
Condition not related to pregnancy: Tuberculosis, rubella, diabetes, or cardiac condition.
Condition related to pregnancy: Hydramnios, urinary tract infection, or toxemia.
Condition of labor: Prolonged labor.
Birth weight: 2,500 grams or less, (5 lb. 8 oz.)
Birth injury: To brain, spinal cord, fractures, other bone injury, paralysis, or nerve injuries.
Birth condition: Hemolytic diseases of newborn, hyaline membrane D, respiration distress syndrome, or atelectasis.
Congenital anomaly.

Live Birth Order: The number of live births including the current birth.

Fetal Death: Fetal death is death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of pregnancy. In this summary only the fetal deaths of 20 weeks or more are reported.

Fetal Death Order: The number of fetal deaths including the current fetal death.

Maternal Death: Maternal death is a death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium, as defined by the International Classification of Diseases.

Infant Death: A death under one year of age.

Neonatal Death: A death during the first 4 weeks of life.

Perinatal Mortality Rate: The number of fetal deaths of 20 weeks or more plus the number of neonatal deaths per 1,000 live births.

Cause of Death: The Eighth Revision International Classification of Diseases, Adapted for Use in the United States (ICDA) was used.

Adjusted Death Rates: Total rates for counties and cities are adjusted for sex and age on the basis of the state population.

Specific age group rates for counties and cities have been adjusted for sex on the basis of the state population for the specific age group.

OTHER RELATED PUBLICATIONS AVAILABLE

REPORTED INDUCED ABORTIONS, MINNESOTA

1977, Published July, 1978.
1978, Published August, 1979.

MINNESOTA HEALTH STATISTICS

1976, Published April, 1979.
1977, Published June, 1979.

Additional related publications are out of print. Xerox copies of specific data, as well as other birth, fetal death, death, abortion, marriage, or divorce information, may be obtained on request by contacting:

Center for Health Statistics
Minnesota Department of Health
717 Delaware Street S.E.
Minneapolis, Minnesota 55440

Telephone Number: (612) 296-5353

MINNESOTA DEPARTMENT OF HEALTH
Section of Vital Statistics

CERTIFICATE OF DEATH

LOCAL FILE NUMBER — STATE FILE NUMBER

1. DECEASED – NAME (FIRST, MIDDLE, LAST) | 2. SEX | 3. DATE OF DEATH (MONTH, DAY, YEAR)

4a. AGE (IN YEARS LAST BIRTHDAY) | 4b. UNDER ONE YEAR (MONTHS, DAYS) | 4c. UNDER ONE DAY (HOURS, MINUTES) | 5. DATE OF BIRTH (MONTH, DAY, YEAR) | 6. RACE | 7. COUNTY OF DEATH

7b. LOCATION OF DEATH (CITY, VILLAGE OR TOWNSHIP) | 7c. STREET ADDRESS | 7d. HOSPITAL OR OTHER INSTITUTION – NAME (IF NOT EITHER, GIVE STREET AND NUMBER)

8. BIRTHPLACE (STATE OR FOREIGN COUNTRY) | 9. CITIZEN OF WHAT COUNTRY | 10. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (SPECIFY) | 11. SPOUSE – NAME

12. WAS DECEASED EVER IN U.S. ARMED FORCES (SPECIFY YES OR NO) | 13. SOCIAL SECURITY NUMBER | 14. USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE, EVEN IF RETIRED) | 15. KIND OF BUSINESS OR INDUSTRY

16a. RESIDENCE – STATE | 16b. COUNTY | 16c. CITY, VILLAGE OR TOWNSHIP | 16d. STREET ADDRESS (GIVE STREET AND NUMBER)

17a. FATHER – NAME | 17b. BIRTHPLACE (STATE OR FOREIGN COUNTRY) | 17. ADDRESS OF DECEDENT (STREET AND NUMBER, POST OFFICE)

18a. MOTHER – MAIDEN NAME | 18b. BIRTHPLACE (STATE OR FOREIGN COUNTRY) | 19. INFORMANT'S NAME | ADDRESS

MEDICAL CERTIFICATION

20. PART I – DEATH WAS CAUSED BY (ENTER ONLY ONE CAUSE PER LINE FOR A, B, AND C) | IF DIAGNOSIS DEFERRED CHECK BOX | APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH

A. IMMEDIATE CAUSE

B. DUE TO, OR AS A CONSEQUENCE OF

C. DUE TO, OR AS A CONSEQUENCE OF

PART II OTHER SIGNIFICANT CONDITIONS | 21a. AUTOPSY (SPECIFY YES OR NO) | 21b. WAS AUTOPSY USED IN DETERMINING CAUSE OF DEATH

22a. ACCIDENT, SUICIDE, HOMICIDE OR UNDETERMINED (SPECIFY) | 22b. DATE OF INJURY (MONTH, DAY, YEAR, HOUR) | IF DEFERRED CHECK BOX | 22c. INJURY AT WORK (SPECIFY YES OR NO)

22d. PLACE OF INJURY (AT HOME, FARM, STREET, FACTORY, OFFICE BUILDING, ETC.) | 22e. LOCATION (STREET OR RFD NUMBER, CITY, VILLAGE OR TOWNSHIP, COUNTY, STATE)

22f. HOW INJURY OCCURRED (ENTER NATURE OF INJURY IN PART I OR PART II – ITEM 20)

23a. CERTIFICATION – PHYSICIAN

I attended the deceased from _____ (MONTH, DAY, YEAR) to _____ and last saw him/her alive on _____. I did, did not view the body after death. Death occurred at _____ M. at the place and time and on the date stated above and to the best of my knowledge due to the causes stated.

23b. CERTIFICATION – MEDICAL EXAMINER OR CORONER

On the basis of the examination of the body and/or the investigation, in my opinion death occurred at _____ M., on the date and due to the causes stated above. The decedent was pronounced dead on _____ (MONTH, DAY, YEAR) at _____ M.

23c. PHYSICIAN – SIGNATURE | 23d. MEDICAL EXAMINER OR CORONER – SIGNATURE

23e. PHYSICIAN – NAME (TYPE OR PRINT) | 23f. MEDICAL EXAMINER OR CORONER – NAME (TYPE OR PRINT)

23g. MAILING ADDRESS (PHYSICIAN, MEDICAL EXAMINER OR CORONER) | 23h. DATE SIGNED (MONTH, DAY, YEAR)

24a. BURIAL, CREMATION, REMOVAL (SPECIFY) | 24b. CEMETERY OR CREMATORY – NAME | 24c. LOCATION (CITY, VILLAGE OR TOWNSHIP, COUNTY, STATE)

24d. DATE OF BURIAL, CREMATION OR REMOVAL (MONTH, DAY, YEAR) | 25a. FUNERAL HOME – NAME | 25b. FUNERAL HOME – ADDRESS

26a. DATE FILED BY LOCAL REGISTRAR (MONTH, DAY, YEAR) | 26b. LOCAL REGISTRAR – SIGNATURE | 27. MORTICIAN OR FUNERAL DIRECTOR – SIGNATURE

SIGNATURE OF SUB REGISTRAR

BURIAL OR REMOVAL PERMIT ISSUED _____ 19

SAMPLE

Margin Reserved for Coding

Mail Directly to:
Section of Vital Statistics
Minnesota Dept. of Health
717 Delaware St. S.E.
Minneapolis, Minn. 55440

MINNESOTA DEPARTMENT OF HEALTH
Section of Vital Statistics

CERTIFICATE OF LIVE BIRTH

LOCAL FILE NUMBER | STATE FILE NUMBER

1. CHILD – NAME (FIRST, MIDDLE, LAST)		2a. DATE OF BIRTH (MONTH, DAY, YEAR)	2b. HOUR
3. SEX	4a. THIS BIRTH (SINGLE, TWIN, TRIPLET ETC.) SPECIFY	4b. IF NOT SINGLE BIRTH, BORN FIRST, SECOND, ETC. SPECIFY	5a. COUNTY OF BIRTH
5b. LOCATION OF BIRTH CITY, VILLAGE OR TOWNSHIP	5c. INSIDE CORPORATE LIMITS SPECIFY YES OR NO	5d. HOSPITAL – NAME (IF NOT IN HOSPITAL, GIVE STREET AND NUMBER)	
6a. FATHER – NAME (FIRST, MIDDLE, LAST)		6b. AGE (AT TIME OF THIS BIRTH)	6c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)
7a. MOTHER – MAIDEN NAME (FIRST, MIDDLE, LAST)		7b. AGE (AT TIME OF THIS BIRTH)	7c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)
8a. RESIDENCE OF MOTHER – STATE	8b. COUNTY	8c. CITY, VILLAGE OR TOWNSHIP	8d. INSIDE CORPORATE LIMITS SPECIFY YES OR NO
9. ADDRESS OF MOTHER (STREET AND NUMBER, POST OFFICE)		I CERTIFY THAT THIS CERTIFICATE IS CORRECT (SIGNATURE OF PARENT)	
11a. CERTIFICATION I CERTIFY THAT I ATTENDED THE BIRTH OF THIS CHILD WHO WAS ALIVE AT THE PLACE AND ON THE DATE STATED ABOVE. SIGNATURE		11b. DATE SIGNED	11c. ATTENDANT (M.D., D.O., MIDWIFE, OTHER) SPECIFY
11d. CERTIFIER – NAME (TYPE OR PRINT)		11e. MAILING ADDRESS STREET AND NUMBER, POST OFFICE	
12a. REGISTRAR – SIGNATURE			12b. DATE FILED

SAMPLE

THIS SPACE RESERVED FOR USE OF REGISTRAR

TO THE PHYSICIAN:

The medical supplement to the certificate of live birth must be filed with the Minnesota Department of Health within five days following birth.

This information is vital for an understanding of current maternal and child health problems and the reduction of perinatal morbidity and mortality. The information is of direct use in the administration of public health programs, such as the surveillance of congenital malformations, follow-up of handicapped children and perinatal studies. The demographic information on fertility and population growth is essential for planning for future needs for community hospital and medical services.

The usefulness of this information is dependent upon the accuracy and completeness of the information provided by the physician. Your cooperation is urgently needed in the interest of making further improvement in maternal and child health in Minnesota.

SUPPLEMENTARY INFORMATION

(This section not to be reproduced on certified copies unless specifically requested.)

13a. RACE OF FATHER SPECIFY	13b. RACE OF MOTHER SPECIFY	14. LEGITIMATE SPECIFY YES OR NO	15. BIRTH WEIGHT

16a. EDUCATION OF FATHER (SPECIFY HIGHEST GRADE COMPLETED)			16b. EDUCATION OF MOTHER (SPECIFY HIGHEST GRADE COMPLETED)			19a. PREVIOUS LIVE BIRTHS – HOW MANY OTHER CHILDREN	
ELEMENTARY (0,1,2,3,...., or 8)	HIGH SCHOOL (1,2,3, or 4)	COLLEGE (1,2,3,4,5 +)	ELEMENTARY (0,1,2,3, ... or 8)	HIGH SCHOOL (1,2,3, or 4)	COLLEGE (1,2,3,4,5 +)	ARE NOW LIVING	WERE BORN ALIVE NOW DEAD

			DATE OF LAST LIVE BIRTH (MONTH, DAY, YEAR)	
19b. FETAL DEATHS				
HOW MANY FETAL DEATHS (FETAL DEATH AT ANY TIME AFTER CONCEPTION)			DATE OF LAST FETAL DEATH (MONTH, DAY, YEAR)	

17. DATE LAST NORMAL MENSES BEGAN (MONTH, DAY, YEAR)	18a. MONTH OF PREGNANCY PRENATAL CARE BEGAN (1ST, 2ND, ETC.) IF NONE SO STATE	18b. NUMBER OF PRENATAL VISITS (0, 1, 2, ETC.)

SUPPLEMENTARY INFORMATION FOR MEDICAL AND HEALTH USE ONLY

20. COMPLICATIONS RELATED TO PREGNANCY DESCRIBE OR WRITE "NONE"	21. COMPLICATIONS NOT RELATED TO PREGNANCY DESCRIBE OR WRITE "NONE"	
22a. COMPLICATIONS OF LABOR DESCRIBE OR WRITE "NONE"	22b. WAS LABOR INDUCED IF YES, METHOD	
22c. OPERATIVE PROCEDURES DESCRIBE OR WRITE "NONE"	23. SEROLOGIC TEST FOR SYPHILIS SPECIFY YES OR NO	24. WAS MOTHER'S BLOOD TESTED FOR RH FACTOR SPECIFY YES OR NO
25. BIRTH INJURIES TO CHILD DESCRIBE OR WRITE "NONE"	26. CONGENITAL MALFORMATIONS OR ANOMALIES DESCRIBE OR WRITE "NONE"	

Mail Directly to:
Section of Vital Statistics
Minnesota Dept. of Health
717 Delaware St. S.E.
Minneapolis, Minn. 55440

MINNESOTA DEPARTMENT OF HEALTH

Section of Vital Statistics

MEDICAL SUPPLEMENT TO THE
CERTIFICATE OF FETAL DEATH

This information is to be used solely for medical or scientific purposes. Confidentiality is provided under M.S. 144.053.

1. FETUS – NAME (FIRST, MIDDLE, LAST) | 2a. DATE OF DELIVERY (MONTH, DAY, YEAR) | 2b. HOUR

3. SEX | 4a. THIS DELIVERY (SINGLE, TWIN, TRIPLET, ETC.) (SPECIFY) | 4b. IF NOT SINGLE DELIVERY, BORN (FIRST, SECOND, ETC.) (SPECIFY) | 5a. COUNTY OF DELIVERY

5b. LOCATION OF DELIVERY (CITY, VILLAGE OR TOWNSHIP) | 5c. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO) | 5d. HOSPITAL – NAME (IF NOT IN HOSPITAL, GIVE STREET AND NUMBER)

6a. FATHER – NAME (FIRST, MIDDLE, LAST) | 6b. AGE (AT TIME OF THIS DELIVERY) | 6c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)

7a. MOTHER – MAIDEN NAME (FIRST, MIDDLE, LAST) | 7b. AGE (AT TIME OF THIS DELIVERY) | 7c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)

8a. RESIDENCE OF MOTHER – STATE | 8b. COUNTY | 8c. CITY, VILLAGE OR TOWNSHIP | 8d. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO)

9. ADDRESS OF MOTHER (STREET AND NUMBER, POST OFFICE) | 10. I CERTIFY THAT THIS CERTIFICATE IS CORRECT. SIGNATURE OF PARENT

11. PART I. FETAL DEATH WAS CAUSED BY: (ENTER ONLY ONE CAUSE PER LINE FOR (A), (B) AND (C).) | IF DIAGNOSIS DEFERRED (CHECK BOX) | FETAL OR MATERNAL CAUSE (SPECIFY)

A. IMMEDIATE CAUSE

B. DUE TO, OR AS A CONSEQUENCE OF

C. DUE TO, OR AS A CONSEQUENCE OF

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER | 12. FETUS DIED (BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN) (SPECIFY) | 13a. AUTOPSY (SPECIFY YES OR NO) | 13b. (IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH)

14a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE ABOVE AND THE FETUS WAS BORN DEAD. SIGNATURE | 14b. DATE SIGNED | 14c. ATTENDANT (M.D., D.O., MIDWIFE, OTHER) (SPECIFY)

14d. CERTIFIER – NAME (TYPE OR PRINT) | 14e. MAILING ADDRESS (STREET OR R.F.D. NO., POST OFFICE, STATE)

15a. BURIAL, CREMATION, REMOVAL (SPECIFY) | 15b. CEMETERY OR CREMATORY – NAME | 15c. LOCATION (CITY, VILLAGE OR COUNTY, STATE)

15d. DATE OF BURIAL, CREMATION OR REMOVAL (MONTH, DAY, YEAR) | 16a. FUNERAL HOME – NAME | 16b. FUNERAL HOME – ADDRESS

17a. DATE FILED BY LOCAL REGISTRAR (MONTH, DAY, YEAR) | 17b. LOCAL REGISTRAR – SIGNATURE | 18. MORTICIAN OR FUNERAL DIRECTOR – SIGNATURE

SAMPLE

SUPPLEMENTARY INFORMATION

(This section not to be reproduced on certified copies unless specifically requested.)

19a. RACE OF FATHER (SPECIFY) | 19b. RACE OF MOTHER (SPECIFY) | 20. LEGITIMATE (SPECIFY YES OR NO) | 21. BIRTH WEIGHT

22a. EDUCATION OF FATHER (SPECIFY HIGHEST GRADE COMPLETED) | 22b. EDUCATION OF MOTHER (SPECIFY HIGHEST GRADE COMPLETED) | 23. PREVIOUS DELIVERIES – HOW MANY OTHER CHILDREN

22a. ELEMENTARY (0,1,2, . . . OR 8)	22a. HIGH SCHOOL (1,2,3 OR 4)	22a. COLLEGE (1,2,3,4,5+)	22b. ELEMENTARY (0,1,2, . . . OR 8)	22b. HIGH SCHOOL (1,2,3 OR 4)	22b. COLLEGE (1,2,3,4,5+)	ARE NOW LIVING	WERE BORN ALIVE NOW DEAD	WERE BORN DEAD (FETAL DEATH AT ANY TIME AFTER CONCEPTION)

SUPPLEMENTAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

24. DATE LAST NORMAL MENSES BEGAN (MONTH, DAY, YEAR) | 25a. MONTH OF PREGNANCY PRENATAL CARE BEGAN (1ST, 2ND, ETC.) IF NONE SO STATE | 25b. NUMBER OF PRENATAL VISITS (0, 1, 2, ETC.) | 26a. DATE OF LAST LIVE BIRTH (MONTH, DAY, YEAR) | 26b. DATE OF LAST FETAL DEATH (MONTH, DAY, YEAR)

27. COMPLICATIONS RELATED TO PREGNANCY (DESCRIBE OR WRITE "NONE") | 28. COMPLICATIONS NOT RELATED TO PREGNANCY (DESCRIBE OR WRITE "NONE")

29a. COMPLICATIONS OF LABOR (DESCRIBE OR WRITE "NONE") | 29b. WAS LABOR INDUCED (IF YES, METHOD)

29c. OPERATIVE PROCEDURES (DESCRIBE OR WRITE "NONE") | 30. SEROLOGIC TEST FOR SYPHILIS (SPECIFY YES OR NO) | 31. WAS MOTHER'S BLOOD TESTED FOR RH FACTOR (SPECIFY YES OR NO)

32. BIRTH INJURIES TO FETUS (DESCRIBE OR WRITE "NONE") | 33. CONGENITAL MALFORMATIONS OR ANOMALIES (DESCRIBE OR WRITE "NONE")

BURIAL OR REMOVAL PERMIT ISSUED _____ 19 _____ SIGNATURE OF SUB REGISTRAR